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**SUPPLEMENT**  
**TO**  
**JOURNAL**  
**OF THE**  
**AMERICAN WATER WORKS**  
**ASSOCIATION**

**VOL. 12**

**OCTOBER, 1924**

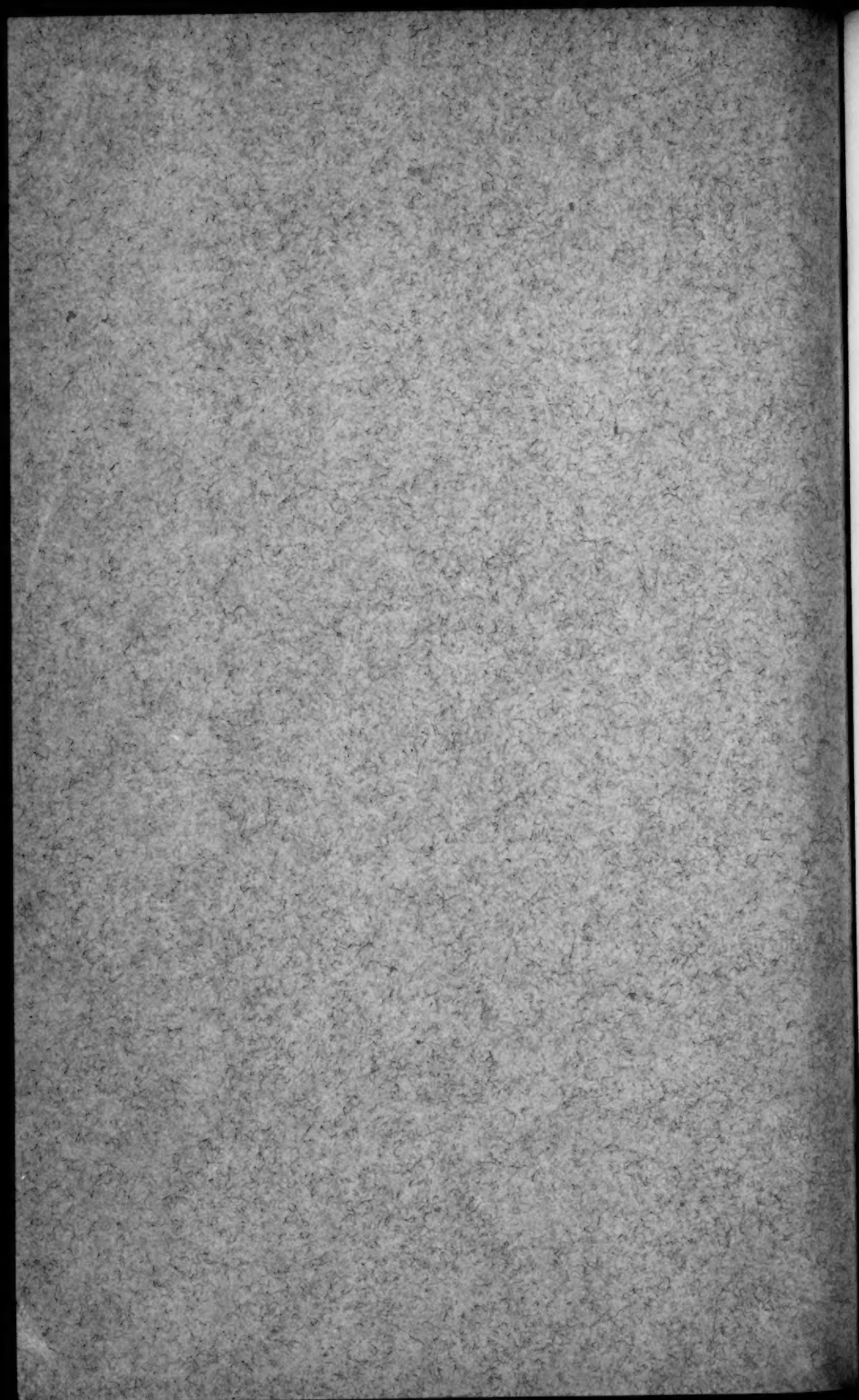
**NO. 2**

**CONSTITUTION**  
**LIST OF PAST PRESIDENTS**  
**LIST OF OFFICERS 1924-1925**  
**LIST OF DIVISIONS AND SECTIONS**  
**LIST OF COMMITTEES 1924-1925**  
**LIST OF MEMBERS**

**IMPORTANT**

Kindly notify the Secretary promptly of any change in address, or  
error in name, title or position

**W. M. NIESLEY, Secretary**  
170 Broadway, New York, N. Y.



## CONTENTS

### Constitution:

Name.....	1
Object.....	1
Membership .....	1
Admission and Expulsion .....	2
Fees and Dues .....	3
Officers.....	4
Nomination and election of.....	6
Duties of.....	8
Committees.....	9
Meetings.....	11
Sections and Divisions.....	12
General.....	13
Amendments.....	14
List of Past Presidents.....	15
List of Conventions.....	16
List of Officers 1924-1925.....	17
List of Divisions and Sections.....	18
List of Committees 1924-1925.....	19
List of Members:	
Honorary.....	28
Active.....	28
Corporate.....	80
Associate.....	85
Geographical.....	90
Summary of Membership by States.....	107

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# CONSTITUTION OF THE AMERICAN WATER WORKS ASSOCIATION

*Adopted June 12, 1913*

*Amended May 12, 1914*

*Amended May 12, 1915*

*Amended May 17, 1918*

*Amended June 9, 1921*

*Amended May 19, 1924*

## ARTICLE I

### NAME

The name of this Association, a corporation organized under the laws of the State of Illinois, shall be "The American Water Works Association."

## ARTICLE II

### OBJECT

The object of this Association shall be the advancement of knowledge of the design, construction, operation and management of water works, and the encouragement, by social intercourse among its members, of a friendly exchange of information and experience.

## ARTICLE III

### MEMBERSHIP

SECTION 1. Members of this Association may be either Honorary Members, Active Members, Corporate Members, or Associate Members.

SECTION 2. An Honorary Member shall be one whose scientific or practical knowledge in matters related to public water supply, or whose accomplishments in that field of endeavor, shall entitle him to especial recognition by the Association. Honorary Members shall have the same privileges as Active Members, but shall not be required to make any payments for the support of the Association.

SECTION 3. An Active Member shall be either a Superintendent, Manager or other officer of a municipal or private water works; a civil, mechanical, hydraulic or sanitary engineer, a chemist or bacteriologist, including those acting technically as such for, and employed by, Associate Members of the Association; or any qualified person engaged in the advancement of knowledge relating to water supplies in general.

SECTION 4. A Corporate Member shall be a water board, water commission, water department, water company or corporation; national, state or district board of health or other body, corporation or organization interested or engaged in public water supply work and shall be entitled to one representative, whose name shall appear on the roll of members and may be changed at the convenience or pleasure of the represented Corporate Member upon written request to the secretary, who shall have all of the rights and privileges of an active member.

SECTION 5. An Associate Member shall be either a person, firm or corporation, engaged in manufacturing or furnishing materials or supplies for the construction or maintenance of water works. An Associate Membership shall entitle the holder to be represented by one person on the floor at each meeting but such representative shall not be entitled to vote or take part in any discussion unless permission is given by unanimous consent of the members present.

SECTION 6. When an Active Member so changes his vocation that were he to apply for membership he would be classed as an Associate Member, he may continue as an Active Member with all the privileges of that grade, except that he shall not be eligible to any elective office in the Association.

## ARTICLE IV

### ADMISSION AND EXPULSION

SECTION 1. The Executive Committee may, at its discretion, at the request of any member, present the name of any person qualified for Honorary Membership, to the Association for election to that grade of membership; but the Executive Committee must, upon the written request of twenty-five members, so present the name of any such person to the Association.

SECTION 2. Any person, firm, corporation or water department desiring to become an Active, Corporate or Associate Member

must make application for the grade of membership sought, upon the blank form provided by the Association. Each application must be endorsed by two members of the Association, shall embody a concise statement of the applicant's qualifications for membership and be accompanied by the initiation fees and dues as hereinafter provided. All applications must be forwarded to the Secretary, who shall submit them to the Membership Committee, as soon as possible.

A majority affirmative vote of the Membership Committee shall elect to Active, Corporate or Associate Membership subject to review by the Executive Committee.

SECTION 3. No member whose dues are in arrears shall receive the publications of the Association until such dues are paid. Members in arrears for one year shall be dropped from the roll by the Secretary.

SECTION 4. Any member who has been suspended for non-payment of dues may be reinstated by the Membership Committee upon payment of all back dues. He shall then be entitled to receive such back numbers of the publications of the Association as may have been withheld from him on account of non-payment of dues, and are not out of print.

SECTION 5. Any member of any grade may be expelled from the Association for cause, upon the recommendation of the Membership Committee, adopted by a two-thirds vote of the members present and voting at any annual convention.

SECTION 6. Any member may retire from membership by giving written notice to that effect to the Secretary, provided that he pay all dues to that date, unless released from said payment by the Executive Committee.

## ARTICLE V

### FEES AND DUES

SECTION 1. Each Active Member shall pay an initiation fee of Five Dollars, and annual dues of Seven Dollars, provided that any Active Member in good standing who has paid dues continuously for thirty years shall be exempt from payment of further dues.

SECTION 2. Each Corporate Member shall pay an initiation fee of Ten Dollars, and annual dues of Ten Dollars.

SECTION 3. Each Associate Member shall pay an initiation fee of Ten Dollars, and annual dues of Fifteen Dollars.

SECTION 4. The fiscal year of the Association after the calendar year of 1924, shall begin on January 1st and terminate on December 31st. Annual dues shall be payable in advance and shall be due on January 1st, the first day of the fiscal year covered by said dues. It shall be the duty of the Secretary to notify each member on or before December 31st of the amount due from said member for the ensuing year.

SECTION 5. Any newly elected member shall be entitled to all of the publications of the Association that are distributed to the members during the year for which he has paid dues. Members elected later than October 1st shall not be required to pay the annual dues for the current year, but if they do pay said annual dues they shall be entitled to all publications to which members in good standing are entitled for that year.

SECTION 6. In case any application for membership shall be rejected the initiation fee and dues which accompanied the application shall be returned to the applicant.

## ARTICLE VI

### OFFICERS

SECTION 1. The officers of the Association shall be a President, Vice-President, Treasurer, Secretary, Secretary-Emeritus (if this office be filled), and Editor of the Association's publications. The offices of the Secretary and Editor may be combined at the discretion of the Executive Committee.

SECTION 2. There shall be an Executive Committee in which the government of the Association shall be vested. It shall consist of the President, Vice-President, Treasurer, Secretary, Secretary-Emeritus (if this office be filled), Editor, the Chairman of the Finance Committee, the latest two living past Presidents and nine Trustees elected to represent the nine Districts hereinafter established, one Trustee to be elected from each District to serve three years. The President and Secretary of the Association shall be the President and Secretary of the Executive Committee. In 1924 one Trustee shall be elected from District 1, to serve one year, one Trustee from District 5 to serve two years, one Trustee from District 9 to serve three years, one Trustee from District 4 to succeed the present Trustee whose term expires in 1924, and one Trustee from District 8 to succeed the present Trustee whose term expires in 1924; and every year

thereafter three Trustees shall be elected in the Districts in which the terms of the incumbents expire.

SECTION 3. The following Districts are established for the purpose of territorial representation:

*District 1* shall consist of the Dominion of Canada.

*District 2* shall consist of the States of Maine, New Hampshire, Massachusetts, Rhode Island, Vermont and Connecticut.

*District 3* shall consist of the State of New York.

*District 4* shall consist of the States of New Jersey, Pennsylvania and Delaware.

*District 5* shall consist of the District of Columbia and the States of Maryland, Virginia, West Virginia, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama and Mississippi.

*District 6* shall consist of the States of Kentucky, Ohio, Indiana and Michigan.

*District 7* shall consist of the States of Louisiana, Arkansas, Missouri, Kansas, Oklahoma, Texas, Nebraska, Colorado, New Mexico, Arizona, Utah and Nevada.

*District 8* shall consist of the states of Wisconsin, Minnesota, Illinois, Iowa, South Dakota and North Dakota.

*District 9* shall consist of the States of Wyoming, Idaho, Montana, Washington, Oregon, California and all other Territories of the United States and all territory outside of the United States except the Dominion of Canada.

The boundary line of these Districts may be changed by majority vote of the Association at any time when it becomes necessary or desirable to do so in order to preserve an equitable territorial representation.

Should any Trustee be thrown into another District by changes made in the boundary lines or by change of residence, he shall serve out his term of office and be accredited as the representative either of his old District or of the District in which he resides, as the Executive Committee may determine.

SECTION 4. As the last order of business of the second session of the first day of the annual conventions the members from each District shall elect a member of the Nominating Committee to represent their respective Districts. Due notice of such election shall be given prominence in the program of the convention, which shall be mailed to the members at least three weeks previous to the opening day of the convention. The votes of the Districts shall be by ballot



and a majority vote of the members of each District voting shall elect the member of the Nominating Committee to represent that District. The members of the Nominating Committee so elected, together with the latest living past-president at the convention, who shall be Chairman, shall constitute the Nominating Committee to place in nomination candidates for the offices to be filled for the following year.

The Nominating Committee shall hold a meeting at 8.30 a.m. on the second day of the convention; previous to which time suggestions of names to fill the various offices may be made by the members of the Association to the members of the Nominating Committee, or by leaving same with the Secretary of the Association prior to the meeting of the Committee; names sent to the Secretary by mail at any time prior to the meeting of the committee shall also be presented to the Committee for consideration; Nominations shall be by majority vote of the Nominating Committee, who must place in nomination one, and may place two, candidates for each office to be filled.

On or before January 10 the Nominating Committee shall report its list of nominees to the Secretary of the Association, who shall before the first day of February cause to be mailed to the membership the list of nominees selected by the Nominating Committee. At any time prior to noon on the first day of March of each year additional nominations may be made by request to the Secretary, signed by at least twenty-five Active, Honorary or Corporate members, and upon the receipt of such request the Secretary shall, after acceptance of the nomination by the candidate, add such additional nominees to the final ballot to be prepared by him. The nominees of the Nominating Committee shall head such final ballot for each office, and any additional nominees for the respective offices shall be placed under the nominees of the Committee in alphabetical order.

SECTION 5. When more than one is nominated for any of the offices to be filled, either by the Nominating Committee or by request, the election shall be by letter ballot. When a letter ballot is required, at least two months before the date of the annual convention a ticket shall be mailed to each member of the Association entitled to vote. Each member shall be entitled to vote for one candidate for President, one candidate for Vice President, one candidate for Treasurer and three candidates for Trustees. The ballot shall be sealed separately in a special ballot envelope. This ballot envelope shall

be enclosed in a larger envelope and forwarded to the Secretary. The signature of the member voting shall appear on the outer envelope.

When a letter ballot is necessary the Secretary with two canvassers appointed by the President shall meet at a time and place directed by the President, and shall open and count all ballots cast by persons entitled to vote. No ballot shall be counted if received later than noon of the seventh day previous to the beginning of the annual convention. When only one candidate is placed in nomination for each office to be filled the report of the Nominating Committee shall be considered as an election.

The result of the canvass for President, Vice-President, Treasurer, and Trustees shall be declared by the President at the annual meeting on certification of the canvassing board. The members who shall have received the highest number of votes cast for the several offices shall be declared elected. If there be a tie vote the President shall order a vote to be taken in the annual convention to decide which person of those who shall have received the same number of ballots shall be chosen.

The terms of the officers so elected shall be as follows: For the President, Vice-President, and Treasurer, each one year beginning with the close of the last day of the annual convention and ending the last day of the next annual convention, or until their successors shall have been chosen; for the Trustees, three years beginning with the close of the last day of the annual convention, or until their successors shall have been chosen.

SECTION 6. Before the close of each annual convention the Executive Committee elected to serve during the year ensuing shall organize and elect a Secretary and an Editor and may elect as Secretary-Emeritus an active member who has served as Secretary, provided that there shall not be more than one Secretary-Emeritus at any time, to serve until the close of the next annual convention, or until their successors are chosen.

SECTION 7. In case of inability of the President to perform the duties of his office, his position shall be temporarily filled by the Vice-President, and in case of inability of the Vice-President, his position shall be filled by one of the Trustees; the order of precedence being governed by priority in date of election as Trustee, or if the dates of election be the same, by priority in date of the admission of such Trustees to membership in the Association.

SECTION 8. All vacancies in office, except as provided in Section 7 hereof, shall be filled by vote of the Executive Committee for the unexpired term of said office as soon as practicable after said vacancy occurs.

SECTION 9. The President, Vice-President and Trustees shall be ineligible to election to the same office for consecutive terms.

## ARTICLE VII

### DUTIES OF OFFICERS

SECTION 1. The President shall have general supervision of the affairs of the Association, and shall preside at all meetings of the Association and of the Executive Committee at which he may be present.

SECTION 2. The Executive Committee shall be the legal representative of the Association and as such shall have full control of the management of the affairs of the Association, subject to the control of the Association in regular convention; it shall make the necessary arrangements for the convention and shall have power to expend the funds of the Association or to invest the same, but must not incur indebtedness beyond the funds in the hands of the Treasurer and Secretary. The Executive Committee shall have power to prepare and enforce, for the conduct of the business of the Association, by-laws not in conflict with this Constitution. It shall hold an annual meeting at least one hour before the opening session of each annual convention. Other meetings shall be held at the call of the President or of any three members of the Executive Committee.

All questions in the Executive Committee shall be decided by a majority vote and seven members shall constitute a quorum. The Executive Committee may vote by letter upon questions submitted by the President and Secretary.

SECTION 3. The Treasurer shall have charge of the funds of the Association, shall pay bills against the Association on order of the Finance Committee certified by the Secretary and shall make a report of the expenditures and of the funds of the Association at the annual convention.

SECTION 4. The Secretary shall be an Active Member of the Association. It shall be his duty to attend all conventions and meetings of the Association and of the Executive Committee; pre-

pare the business and duly record the proceedings thereof. He shall see that all moneys due the Association are carefully collected, and shall promptly pay the same to the Treasurer. He shall personally certify the accuracy of all bills or vouchers to the Finance Committee.

He shall, at the annual convention, make a report of the receipts and of the condition and affairs of the Association.

He shall conduct the correspondence of the Association and keep a full record of the same.

SECTION 5. It shall be the duty of the Secretary-Emeritus to assist in building up the membership of the Association, in securing advertisers for the Journal, to attend and assist in the arrangements for and conduct of the annual conventions, and to perform such other duties as the Executive Committee may assign to him.

He shall receive for expenses and services such salary and allowance as the Executive Committee may from year to year determine and as shall be approved by the Association at an annual convention.

SECTION 6. The Editor shall have charge of the printing and distribution to all the members, of the Proceedings and Transactions of the Association and shall perform such other duties as are assigned to him by the Executive Committee.

The publications of the Association shall be copyrighted so far as is practicable and proper.

## ARTICLE VIII

### COMMITTEES

SECTION 1. There shall be four standing Committees, the Finance Committee, the Membership Committee, the Publication Committee and the Convention Committee. The members of each shall be appointed by the incoming Executive Committee. They shall serve for one year beginning with the close of the last day of the Annual Meeting or until their successors shall have been appointed. Special Committees may be appointed at any time by the President.

SECTION 2. The Finance Committee, which shall consist of three active members, shall audit and approve all bills before they shall be paid by the Treasurer. It shall examine the books of the Secretary and of the Treasurer annually or more often, and shall audit the same and report upon the same to the Executive Committee. This Committee shall have general supervision of the

finances of the Association, making such reports thereon to the Executive Committee as the exigencies of the case may require or as directed by the Executive Committee or by the Association at its annual convention.

SECTION 3. The Membership Committee, which shall consist of three members, shall examine the qualifications of and vote upon all applicants for membership nominated in due form, and report its action to the Secretary.

SECTION 4. The Publication Committee, which shall consist of five members, one of whom shall be the Editor, shall have control of the publications of the Association and shall see that all publications and papers are edited before publication, and, whenever possible, before presentation.

The Committee may call to its aid members of the Association or others who have had special experience in the subject treated, to advise in regard to any paper, or to discuss the same, and may return any paper to its author for correction or amendment.

No papers containing matter either readily found elsewhere, especially advocating personal interests, carelessly prepared, purely speculative, or foreign to the purpose of the Association shall be accepted. The Committee shall prepare rules which, when approved by the Executive Committee, shall govern the preparation, presentation and publication of all papers and such other matters of similar nature as the best interests of the Association may require.

SECTION 5. The Convention Committee, which shall consist of three members, one of whom shall be the Secretary or Secretary Emeritus, shall investigate all invitations to hold conventions of the Association, satisfying itself that the places extending the invitations have proper facilities for the accommodation of the members and guests, for holding the meetings of the Association with its National Divisions, and for exhibits by Associate Members. This Committee shall invite the Convention Committee of the Water Works Manufacturers' Association to cooperate with it. The Committee shall prepare and send to all cities extending invitation to hold conventions a form containing such questions as may be necessary to properly inform the Committee as to the convention facilities offered. The information shall include a diagram of the rooms offered for meeting rooms, Committee and Division rooms and exhibition space, also a list of available hotels with guaranteed rates and the number that each



will accommodate, points of interest to water works people, and entertainment, if any, offered.

During each Annual Convention the Committee shall hold a meeting, at which advocates of various places extending invitations shall be heard, and at the time designated by the Executive Committee for the selection of the place for holding the next Annual Convention the Committee shall make a report to the convention, stating in alphabetical order the invitations received and fully and impartially set forth the advantages and facilities offered by each. Should no invitations be received it shall be the duty of the Committee to ascertain what arrangements can be made for holding a convention, and to report to the Executive Committee before the convention convenes.

The Committee, or one or more members of the Committee, may, as soon as practicable after the place for holding convention has been selected, visit such place and ascertain whether the guarantees can be fully carried out, and whether it is a suitable place for holding a convention of the Association; also, if the place is approved, to make the necessary arrangements for holding the convention. If after such visit, it is the judgment of the Committee that the place is not suitable, or does not offer proper facilities, or for any other reason it would not be for the best interests of the Association to hold its convention there, the Committee shall immediately report its findings to the Executive Committee, with its recommendations as to the meeting place for the next annual convention. The expenses of the Committee or members of the Committee, in making such visits, to be borne by the Association, on the basis of an allowance of four cents per mile travel.

## ARTICLE IX

### MEETINGS

SECTION 1. The annual convention of the Association shall open on such Tuesday as the Executive Committee may designate and at such place as shall have been designated by the Executive Committee after receiving the recommendation of the Convention Committees.

SECTION 2. The Executive Committee shall have power to change the place of meeting as in its judgment the interests of the Association may demand.

SECTION 3. The date of the Annual Convention shall be fixed by the Executive Committee not less than seventy days in advance of the meeting, and such date shall be printed on all ballots for the nomination or election of officers.

## ARTICLE X

### SECTIONS AND DIVISIONS

SECTION 1. Local Sections may be established by the Executive Committee on receipt of a written request to that effect signed by twenty Active or Corporate Members of the Association, residing in the territory within which the Local Section is desired.

SECTION 2. National Divisions consisting of Engineers, Superintendents, Chemists and Bacteriologists, Accountants or other classes of persons included in the membership of the Association, may be established by the Executive Committee on the request of thirty members. Any member of the Association may register in any National Division of the Association in which he is interested.

SECTION 3. Such Sections and Divisions, which shall consist only of members of this Association in good standing, shall elect their own officers and committees, subject to confirmation by the Secretary of the Association as to their standing in the Association, and may make any rules for their government not inconsistent with the Constitution and By-Laws of the Association, but these rules must first be approved by the Executive Committee.

SECTION 4. Each Local Section as soon as established, and after its rules have been approved by the Executive Committee, may with the approval of the Finance Committee, annually receive from the Treasurer of the Association, for local use, not more than twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section as shown by the books of the Association on the first day of November of each year; except that in no case shall the total of all moneys received by any Local Section for any one fiscal year exceed the sum of three hundred dollars, and except that Local Sections with small memberships, where the allotted twenty-five per cent of the annual dues paid to the Association by the members of the said Local Section does not amount to one hundred dollars, such Local Sections shall be entitled to receive from the Treasurer of the Association, for local use, not more than one hundred dollars in any one fiscal year.

Each National Division when established, and its rules and constitution have been approved by the Executive Committee, may, with the approval of the Finance Committee, annually receive from the Treasurer of the Association a sum not exceeding one hundred dollars, for Division Expenses.

The Treasurer of each Local Section or National Division shall forward to the Secretary of the Association his application endorsed by the presiding officer of the Section or Division for such portions of the said sums above specified as may be needed, and upon receipt of such application the Secretary shall request the Finance Committee to authorize the Treasurer of the Association to pay such sums to the Treasurer of the Section or Division. These moneys may be used by the Section or Division only in payment of necessary operating expenses, such as printing, stationery, postage, rent and care of meeting room, light, fuel, stenographer, and stereopticon operator services at meetings, etc.

At the end of each fiscal year the Treasurer of each Section and Division shall submit a certified copy of his accounts to the Secretary of the Association, the same being itemized and showing the balance on hand of funds received from the Association. This balance shall be returned to the Secretary of the Association or shall be charged to the Section or Division as part of its quota for the following year.

SECTION 5. The presiding officer of each Section and each Division shall be an Honorary Vice-President of the Association.

SECTION 6. Any Section may be dissolved by the Executive Committee for good and sufficient reasons.

## ARTICLE XI

### GENERAL

SECTION 1. Any member may, with the concurrence of the presiding officer, admit friends to the meetings of the Association, but such persons shall not take part in the discussions without the consent of the convention; and the privilege of the floor can only be granted to a non-member by unanimous consent.

SECTION 2. The Secretary shall send notice to all members of the Association at least fifteen days before the annual convention, giving the titles of papers to be read and mentioning any special business to be considered at said convention.

## ARTICLE XII

## AMENDMENTS

SECTION 1. All proposed amendments to the Constitution shall be submitted in writing to the Executive Committee which at its discretion may bring them before the next Annual Convention of the Association, but the Executive Committee must do so on the request in writing of five members of the Association.

SECTION 2. To pass an amendment to the Constitution, an affirmative vote of two-thirds of the members present and voting at said convention shall be required.

## PAST PRESIDENTS

*COL. J. T. FOSTER, Chicago, Ill.....	1881-1882
*COL. J. T. FOSTER, Chicago, Ill.....	1882-1883
*J. G. BRIGGS, Terre Haute, Ind.....	1883-1884
*L. H. GARDNER, New Orleans, La.....	1884-1885
*PETER MILNE, Brooklyn, N. Y.....	1885-1886
†B. F. JONES, Kansas City, Mo.....	1886-1887
*J. T. FANNING, Minneapolis, Minn.....	1887-1888
†A. N. DENMAN, Des Moines, Ia.....	1888-1889
*J. H. DECKER, Salina, Kans.....	1889-1890
†WILLIAM B. BULL, Quincy, Ill.....	1890-1891
J. M. DIVEN, Troy, N. Y.....	1891-1892
G. H. BENZENBERG, Milwaukee, Wis.....	1892-1893
JAMES P. DONAHUE, Davenport, Ia.....	1893-1894
*WILLIAM RYLE, Paterson, N. J.....	1894-1895
*W. G. RICHARDS, Atlanta, Ga.....	1895-1896
*F. A. W. DAVIS, Indianapolis, Ind.....	1896-1897
JOHN CAULFIELD, St. Paul, Minn.....	1897-1898
*JOSEPH A. BOND, Wilmington, Del.....	1898-1899
R. M. CLAYTON, Atlanta, Ga.....	1899-1900
†C. E. BOLLING, Richmond, Va.....	1900-1901
*WILLIAM R. HILL, New York, N. Y.....	1901-1902
*C. H. CAMPBELL, Charlotte, N. C.....	1902-1903
†L. N. CASE, Duluth, Minn.....	1903-1904
MORRIS R. SHERRERD, Newark, N. J.....	1904-1905
†BENJAMIN C. ADKINS, St. Louis, Mo.....	1905-1906
DABNEY H. MAURY, Chicago, Ill.....	1906-1907
GEORGE H. FELIX, Reading, Pa.....	1907-1908
D. W. FRENCH, Weehawken, N. J.....	1908-1909
DR. WILLIAM P. MASON, Troy, N. Y.....	1909-1910
JOHN W. ALVORD, Chicago, Ill.....	1910-1911
ALEXANDER MILNE, St. Catharines, Ont.....	1911-1912
DOW R. GWINN, Terre Haute, Ind.....	1912-1913
ROBERT J. THOMAS, Lowell, Mass.....	1913-1914
GEORGE G. EARL, New Orleans, La.....	1914-1915
NICHOLAS S. HILL, JR., New York, N. Y.....	1915-1916
LEONARD METCALF, Boston, Mass.....	1916-1917
THEODORE A. LEISEN, Omaha, Neb.....	1917-1918
CHARLES R. HENDERSON, Davenport, Ia.....	1918-1919
CARLETON E. DAVIS, Indianapolis, Ind.....	1919-1920
BEEKMAN C. LITTLE, Rochester, N. Y.....	1920-1921
EDWARD BARTOW, Iowa City, Ia.....	1921-1922
W. S. CRAMER, Lexington, Ky.....	1922-1923
George W. Fuller, New York, N. Y.....	1923-1924

\* Deceased.

† Not now a member of the Association.



## CONVENTIONS

<i>Place</i>	<i>Date</i>	<i>President</i>
1 St. Louis, Mo.....	March 29, 1881	J. T. Foster
2 Columbus, Ohio.....	March 14-16, 1882	J. T. Foster
3 Buffalo, N. Y.....	May 15-17, 1883	J. T. Foster
4 Cincinnati, Ohio.....	April 15-17, 1884	J. G. Briggs
5 Boston, Mass.....	April 21-23, 1885	L. H. Gardner
6 Denver, Colo.....	June 23-25, 1886	Peter Milne, Jr.
7 Minneapolis, Minn.....	July 13-15, 1887	B. F. Jones
8 Cleveland, Ohio.....	April 17-19, 1888	J. T. Fanning
9 Louisville, Ky.....	April 16-18, 1889	A. N. Denman
10 Chicago, Ill.....	May 20-24, 1890	J. H. Decker
11 Philadelphia, Pa.....	May 14-17, 1891	Wm. B. Bull
12 New York, N. Y.....	May 17-19, 1892	J. M. Diven
13 Milwaukee, Wis.....	September 5-9, 1893	G. H. Benzenberg
14 Minneapolis, Minn.....	August 21-23, 1894	James P. Donahue
15 Atlanta, Ga.....	May 28-30, 1895	William Ryle
16 Indianapolis, Ind.....	May 26-28, 1896	W. G. Richards
17 Denver, Colo.....	June 8-10, 1897	F. A. W. Davis
18 Buffalo, N. Y.....	June 14-18, 1898	John Caulfield
19 Columbus, Ohio.....	May 16-19, 1899	Joseph A. Bond
20 Richmond, Va.....	May 15-18, 1900	R. M. Clayton
21 New York, N. Y.....	June 17-22, 1901	Charles E. Bolling
22 Chicago, Ill.....	June 10-13, 1902	Wm. R. Hill
23 Detroit, Mich.....	June 23-26, 1903	Chas. H. Campbell
24 St. Louis, Mo.....	June 6-11, 1904	L. N. Case
25 West Baden, Ind.....	May 9-12, 1905	Morris R. Sherrerd
26 Boston, Mass.....	June 26-30, 1906	Benjamin C. Adkins
27 Toronto, Ont.....	June 17-21, 1907	Dabney H. Maury
28 Washington, D. C.....	May 11-16, 1908	George H. Felix
29 Milwaukee, Wis.....	June 7-12, 1909	D. W. French
30 New Orleans, La.....	April 25-29, 1910	Wm. P. Mason
31 Rochester, N. Y.....	June 5-10, 1911	John W. Alvord
32 Louisville, Ky.....	June 3-7, 1912	Alexander Milne
33 Minneapolis, Minn.....	June 23-27, 1913	Dow R. Gwinn
34 Philadelphia, Pa.....	May 11-15, 1914	Robert J. Thomas
35 Cincinnati, Ohio.....	May 10-14, 1915	George G. Earl
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New England Water Works Association—Journal.  
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U. S. Bureau of Standards—Bulletins, Circulars, Technical Papers, etc.  
U. S. Dept. of Agriculture—Bulletins and Circulars.  
U. S. Public Health Service—Reports, Bulletins and Reprints.  
U. S. Geological Survey—Water Supply Papers, Bulletins and Circulars.  
University Bulletins (Misc.)  
Utah Society of Engineers—Proceedings.  
Western Society of Engineers—Journal.

## LIST OF MEMBERS

OCTOBER 1, 1924

### HONORARY MEMBERS

BENZENBERG, G. H. Cons. Engr., Retired, 1018 Wells Bldg., Milwaukee, Wis.	Apr. 17, 1888
CAULFIELD, JOHN. Mangr. Bismarck Water Supply Co., Bismarck, N. Dak.	July 14, 1887
DIVEN, J. M. Supt., Water Dept., Troy, N. Y.	Apr. 16, 1884
FITZGERALD, DESMOND. Cons. Engr., 410 Washington St., Brookline, Mass.	June 24, 1923
HERSCHEL, CLEMENS. 2 Wall St., New York, N. Y.	May 20, 1924
HOLMAN, M. L. 4385 Forest Park Blvd., St. Louis, Mo.	Mar. 21, 1881
HOUSTON, SIR ALEXANDER C. Dctr. Wtr. Exmn. Met. Wtr. Bd., 20 Nottingham Place, London, England.	June 24, 1923
KEELER, H. E. The Rookery, Room 633, Chicago, Ill.	July 14, 1887
MULHOLLAND, WILLIAM. Chf. Engr. Dpt. Pub. Svce., 645 So. Olive St., Los Angeles, Cal.	June 24, 1923
NAKAJIMA, Y. Hongo Hayaschicho, 185, Tokyo, Japan.	July 14, 1887
PURDY, J. H. c/o Amer. Water Wks. & Electric Co., 50 Broad St., New York, N. Y.	May 27, 1896

### ACTIVE MEMBERS

ABBOTT, CARROLL B. Prest., Wtr. Wks. Sup. Co., 536 Call Building, San Francisco, Calif.	May 24, 1922
ABBOTT, C. E. Mgr., Water Works, Tuscaloosa, Ala.	June 15, 1916
ABBOTT, G. H. Treasr. and Supt., Southbridge Water Supply Co., Southbridge, Mass.	May 17, 1912
ABSHER, C. W. Supt., Filtration, c/o Water & Light Dept., Mount Airy, N. C.	Apr. 23, 1924
ACKERMAN, J. WALTER. City Manager, Watertown, N. Y.	Feb. 2, 1910
ADAMS, ALTON D. 120 Prospect St., Wellesley, Mass.	Sept. 30, 1912
ADAMS, HENRY. Cons. Engr., 1263-69 Calvert Building, Baltimore, Md.	Apr. 27, 1914
ADAMS, J. C. Amer. Wtr. Wks. and El. Co., 50 Broad St., New York, N. Y.	Mar. 31, 1921
AERYNS, ALBERT NELSON, C.E. 716 Greenwood Ave., Brooklyn, N. Y.	Jan. 18, 1915
AHEARN, BERTRAM J., C.E. 920 Liberty St., Peekskill, N. Y.	Mar. 25, 1924
AHERN, J. F. Fairbanks, Morse & Co., 1765 Post St., Jacksonville, Fla.	Apr. 3, 1922
ALEXANDER, R. C. Mgr., Water Co., Centerville, Ia.	July 20, 1920
ALLEMAN, DR. GELLERT. Prof. of Chemistry, Swarthmore, Pa.	June 21, 1921
ALLEN, C. D. 50 Lombard St., Toronto, Ont., Canada.	Apr. 29, 1924
ALLEN, CLAYTON M. Filter Operator, 111 West State St., Wellsville, N. Y.	May 24, 1922
ALLEN, S. L. Georgetown, Ky.	Jan. 19, 1924
ALLEN, THOMAS H. 1430 Bank of Commerce Bldg., Memphis, Tenn.	Dec. 20, 1923
ALLEN, WILLIAM JOHN. Chf. Engr. and Bacteriologist, 329 Cory Ave., Waukegan, Ill.	Jan. 17, 1915

ALLIN, T. D., C. E.	303 Kendall Bldg., Pasadena, Cal.....	Mar. 28, 1910
ALLISON, JAMES E.	1017 Olive St., St. Louis, Mo.....	Feb. 17, 1913
ALPERS, FRANK H.	Supt. Water Co., Cimarron, N. M.....	Oct. 14, 1919
ALVORD, JOHN W.	Cons. Engr., 1417-18 Hartford Bldg., Chicago, Ill.....	Apr. 3, 1899
AMES, CLARENCE F.	Supt. Water Works, Norwich, N. Y.....	Mar. 30, 1918
AMES, JEREMIAH L.,	Filtration Division, Porter Avenue Sta- tion, Bureau Water, Buffalo, N. Y.....	Nov. 28, 1922
AMISS, THOMAS L.	Supt. Water and Sewerage, Shreveport, La.	May 14, 1918
AMSBARY, F. C.	Mgr. Water Co., Champaign, Ill.....	June 8, 1909
ANDERSON, ROBERT M.	Prof. Engineering Practice, Stevens Institute, Hoboken, N. J.....	Dec. 22, 1916
ANDREWS, GEORGE C.	Water Commissioner, 2 Municipal Building, Buffalo, N. Y.....	Feb. 28, 1917
ANDREWS, LEWIS P.	Manager, Secy. and Treas. Water Co., Sedalia, Mo.....	Apr. 13, 1909
ANDREWS, ROBERT E.	National Board Fire Underwriters, 205 Merchants Exchange Bldg., San Francisco, Cal.....	June 14, 1913
ANGUS, ROBERT W.	Prof. of Mechanical Eng., University of Toronto, Toronto, Canada.....	Feb. 5, 1917
ANKENER, RICHARD.	140-12th Avenue, Long Island City, N. Y.....	Oct. 14, 1922
ANTHONY, CHAS.	Genl. Mgr., Water Co., Cassilla Correo 149, Bahia Blanca, Argentine Republic, S. A.....	June 29, 1909
APPLEBAUM, SAMUEL BERNARD, C.E.	Sanitary Engineer, 78 Stephenson Blvd., New Rochelle, N. Y.....	Apr. 24, 1916
ARCHER, ELMER T.	Cons. Engr., New England Building, Kansas City, Mo.....	May 14, 1918
ARCHIBALD, J. G.	Supt. Water Works System, Woodstock, Ont.....	Feb. 10, 1921
ARMSTRONG, JAMES W.	Filt'n. Engr. City Water Dept., Lake Montebello, Hillen Road, Baltimore, Md.....	Mar. 12, 1910
ARMSTRONG, ROGER W.	172 Clinton St., Brooklyn, N. Y....	Apr. 8, 1916
ATKINSON, ASHER.	City Engr., 49 Mine St., New Bruns- wick, N. J.....	Mar. 27, 1922
ATKINSON, T. R.	Consulting Engineer, Bismarck, N. D....	May 18, 1914
ATTERSALL, CHARLES F.	Supt., Water Works, Winchester, Ky.....	June 7, 1910
AVERY, CHARLES NEEDHAM.	Commissioner, Water, Light & Power, Austin, Texas.....	May 28, 1924
AVERY, ELWOOD.	Asst. Engr., P. S. Comu. Cmlth. of Penna., 84 North 17th St., Harrisburg, Pa.....	Feb. 28, 1922
AYRES, LOUIS E., C.E., B.S.	Pr. Asst. G. S. Williams, Cons. Engr., Cornwell Building, Ann Arbor, Mich.....	Nov. 16, 1916
AYRES, THOMAS H.	905 Sherman Ave., South Bend, Ind.....	June 20, 1913
BABBITT, HAROLD E.	204 Engineering Hall, Urbana, Ill.....	June 4, 1915
BABCOCK, G. H.	Supt. Water Works, East Rochester, N. Y...	June 7, 1916
BACHARACH, E. W.	Pres., E. W. Bacharach and Co., 616-17 Rialto Bldg., Kansas City, Mo.....	Apr. 29, 1924
BACHMANN, FRANK.	c/o Dorr Co., 38 S. Dearborn St., Chicago, Ill.....	Feb. 4, 1915
BAHLMAN, CLARENCE.	Chief Botst., Cincinnati Filtration Plant, California, O.....	Feb. 7, 1922
BAILEY, JOHN G.	Supt. Water Distbn., Engr. Bldg., Main and Orange Sts., Jacksonville, Fla.....	Feb. 28, 1921
BAIN, ERNEST B.	Supt., City Water Dept., Raleigh, N. C....	May 14, 1909
BAIR, MAURICE Z.	Chf. Engr., State Board of Health, Cap- itol Bldg., Little Rock, Ark.....	Apr. 15, 1915

BAITY, H. G. Asst. Engr., Bureau San. Engr. & Inspec., State Board of Health, Raleigh, N. C.	May 15, 1923
BAKER, CLARENCE M. State Bd. of Hlth., Madison, Wis.	Oct. 4, 1915
BAKER, HAROLD WALLACE, Commissioner of Public Works, Rochester, N. Y.	Jan. 31, 1922
BAKER, M. N. Assoc. Editor, Engineering News-Record, 10th Ave. at 36th St., New York, N. Y.	June 24, 1903
BALDWIN, F. O. Supervisor, Water Purification Plt., 2710 West Grace St., Richmond, Va.	May 10, 1922
BALDWIN, FRED N. Supt., Water Works, Flint, Mich.	May 10, 1925
BALDWIN, HENRY DE FOREST. President Queens County Water Co., 25 Broadway, New York, N. Y.	Apr. 27, 1910
BALDWIN, HERBERT B., Chemist, Dept. of Health, 927 Broad St., Newark, N. J.	Mar. 27, 1919
BALDWIN, ROBERT T. Secretary, Chlorine Institute, Inc., 52 E. 41st St., New York, N. Y.	July 28, 1924
BALL, EDMUND BRUCE. "Braemar" Ayr, Scotland.	Jan. 26, 1924
BALL, GEORGE W. Prest. I. C. Water Co., Paul-Helen Bldg. Iowa City, Ia.	Apr. 24, 1920
BALL, NORMAN Z. Asst. Engr., in Charge of Water & Sewers, Norfolk, Va.	Dec. 26, 1922
BALLOU, ARTHUR FRANCIS. Engr. Natl. Bd. of Fire Und., 76 William St., New York, N. Y.	Aug. 7, 1924
BAMPTON, SYDNEY WALLACE. Assistant Engineer, Bd. of Water Supply, Valhalla, N. Y.	Mar. 25, 1924
BANDY, WILLIAM B., C.E. 303 New Bern, Raleigh, N. C.	Dec. 12, 1921
BANK, WILLIAM G. Asst. Engr., Bureau of Water, Newark, N. J.	Dec. 16, 1919
BANKSON, ELLIS E., C.E. 1111 Union Bank Bldg., Pittsburgh, Pa.	July 27, 1922
BARBOUR, FRANK A. Hydraulic & Sanitary Engr., 1120 Tre- mont Bldg., Boston, Mass.	May 21, 1906
BARCLAY, W. E. Supt. Dept. Water and Elect., Aurora, Ill.	May 13, 1918
BARDWELL, R. C. Supt. Water Supply, C. & O. Railroad, 3211 Hanover Ave., Richmond, Va.	Nov. 3, 1916
BARKER, STANLEY T. Sr. Asst. Engr., State Dept. Pub. Hlth., Springfield, Ill.	Apr. 16, 1923
BARNARD, W. K. 704 Central Bldg., Los Angeles, Calif.	Oct. 31, 1923
BARNES, HOWARD P. Div. Engr., Board of Water Sup. N. Y. C., Croton-on-Hudson, N. Y.	Mar. 15, 1924
BARNES, T. HOWARD. Cons. Engr., 1637 Whitehall Building, New York, N. Y.	Dec. 14, 1914
BARNETT, A. G. Engineer, c/o Fuller & McClintock, 879 North Parkway, Memphis, Tenn.	Apr. 30, 1923
BARNETT, C. P. Consulting Engineer, Covington, Virginia.	June 13, 1922
BARNHARD, P. Mgr., Mt. Carmel Public Utility Co., Mt. Carmel, Ill.	Oct. 19, 1914
BARNES, FREDERICK B. Engineer, c/o Nicholas S. Hill, 112 E. 19th St., New York, N. Y.	Mar. 14, 1922
BARR, WILLIAM M. Consulting Chemist, Union Pacific Sys- tems, Omaha, Neb.	Feb. 9, 1917
BARRICK, M. J. 2007 Penn St., Harrisburg, Pa.	Feb. 16, 1924
BARRIER, EDWARD A. Glen Road, Wellesley Farms, Mass.	June 24, 1924
BARROWS, H. K. Cons. Engr., 6 Beacon St., Boston, Mass.	May 20, 1920
BARTLETT, N. EMORY. Natrona Water Co., 1000 Widener Building, Philadelphia, Pa.	June 7, 1909
BARTLETT, TERRELL. Cons. Engr., 612 Cacasieu Bldg., San Antonio, Tex.	June 8, 1923
BARTLEY, ROBERT, JR. Supt., Dept. Water & Sewers, Box 377, Asbury Park, N. J.	Mar. 8, 1924

BARTON, CARL O. 8050 Second Ave., Detroit, Mich.....	Mar. 23, 1922
BARTOW, COL. EDWARD. Chemistry Dept., State Univ. of Iowa, Iowa City, Ia.....	June 7, 1909
BARTRAM, GEORGE C. 1021 Elmwood Ave., Buffalo, N. Y.....	June 7, 1921
BASCOM, G. R. c/o Barber Greene Co., 9 S. Clinton St., Chicago, Ill.....	Sept. 2, 1914
BASS, FREDERICK H. 429 Union St., Minneapolis, Minn.....	Apr. 2, 1909
BASSETT, CARROL P., C.E. Summit, N. J.....	Oct. 14, 1909
BASSETT, CHARLES K., M.E., Buffalo Meter Co., 2917 Main St., Buffalo, N. Y.....	June 13, 1921
BASSETT, GEO. B., C.E. 691 W. Ferry St., Buffalo, N. Y.....	Apr. 12, 1909
BATCHELDER, GEORGE W. Water Commissioner, 19 City Hall, Worcester, Mass.....	Apr. 25, 1916
BATES, PROF. C. O. Chair of Chemistry, Coe College, Cedar Rapids, Ia.....	July 17, 1922
BATES, RALPH D. Chemist, Filter Plant, Clarksburg, W. Va.	Feb. 10, 1921
BATON, WARREN U. C. Chief Analyst, 528 S. Lang Ave., Pittsburgh, Pa.....	Apr. 9, 1909
BATT, JOHN B. Supt. Water Works, North Tonawanda, N. Y.	Apr. 24, 1919
BAUERISEN, R. J. Engineering Contractor, 9 So. Clinton St., Chicago, Ill.....	Aug. 8, 1915
BAYLIS, JOHN R. Prin. San. Chst., Baltimore Filtration Plant, Lake Montebello, Hillen Road, Baltimore, Md...	Oct. 2, 1915
BEAN, GEORGE L. Civil Engineer, 1729 N. 19th St., Philadel- phia, Pa.....	Dec. 29, 1913
BEARDSLEY, JOSEPH C. 1426 W. Third St., Rm. 303, Cleve- land, Ohio.....	Apr. 15, 1909
BECK, F. E. Chf. Engr., Consolidated Water Co., Utica, N. Y.	Apr. 20, 1915
BECK, H. A. Dctr. Pub. Svce., 201 Furnace St., Elyria, O....	June 19, 1920
BEDELL, ARTHUR S. State San. Engr., Salt Lake City, Utah..	June 10, 1920
BEDELL, JAMES. Supt., Water Works, 10 Croton Ave., Ossin- ing, N. Y.....	May 12, 1908
BEEBE, HARWOOD. c/o Mr. W. S. Green, Mayor, Tryon, N. C.	Dec. 8, 1923
BEERS, WILLIAM H. Box 116, Gatun, Canal Zone, Panama...	Sept. 12, 1922
BEISEL, N. J. Gen. Mgr., Pottsville Water Co., 221 South Center St., Pottsville, Pa.....	July 31, 1924
BELCHER, RICHARD. Prest. Water Co., Marysville, Cal.....	Oct. 4, 1919
BELL, DAVID V. Supt., Water Companies, U. P. R. R. Co., 325 N. Front St., Rock Springs, Wyo.....	May 14, 1909
BELL, H. K. Civil Engr., 372 Transylvania Park, Lexington, Ky.....	Jan. 16, 1924
BEMIS, EDWARD W. Room 1605, 139 N. Clark St., Chicago, Ill.	May 18, 1909
BENHAM, WEBSTER L. Cons. Engr., 512 Gumbel Bldg., Kansas City, Mo.....	June 9, 1919
BENNETT, C. G., M.E. State Public Utilities Comn., Spring- field, Ill.....	Apr. 7, 1920
BENNETT, J. S. Supt. Operation, Univ. of N. C., Chapel Hill, N. C.....	May 10, 1923
BENTON, L. J. Supt. Water Dept., Fremont, N. C.....	Dec. 8, 1923
BERBERICH, NORBERT M. Chemist, Huntington Water Corp., 1320 Fifth Ave., Huntington, W. Va.....	July 31, 1924
BERNHAGEN, LEWIS O. City Hall, Beaumont, Tex.....	Mar. 6, 1917
BERRY, ALBERT E. 31 Eighth Ave., Toronto, Ont.....	June 21, 1920
BERRY, F. R. Engr. Am. W. W. & E. Co., 50 Broad St., New York, N. Y.....	Apr. 20, 1923
BERRY, FRED D. Secty. Bd. Water Comrs., Hartford, Conn..	Mar. 20, 1918
BESSELIEVRE, EDMUND B., B.S. San. Engr., 300 Pitney Ave., Spring Lake, N. J.....	Oct. 7, 1919
BETTES, CHARLES R. Chief Engr. Queen Co. Water Works, Far Rockaway, L. I., N. Y.....	June 18, 1901



BETTER, ALBIN H., C.E. Assoc. Prof. in Civil Eng., Columbia University, New York, N. Y.....	June 17, 1916
BIGGS, GEORGE W., Jr. Chf. Engr. Amer. Water Works and Elect. Co., 50 Broad St., New York, N. Y.....	June 2, 1916
BILLINGS, LLOYD C. Supt. Filtn. Plant, 1247 Bemis St., S. E., Grand Rapids, Mich.....	May 23, 1923
BIRD, BYRON. Prof. of Struc. Engr., Texas A. & M. College, Faculty Exchange Box 147, College Station, Tex.....	July 31, 1924
BIRD, CYRUS R. The Pitometer Co., 906 Majestic Bldg., Detroit, Mich.....	Mar. 16, 1922
BIRDSALL, LEWIS I. Care of General Chemical Company, 112 West Adams St., Chicago, Ill.....	June 24, 1913
BIRKINBINE, CARL P. Hyd. Engr., Commercial Trust Bldg., Philadelphia, Pa.....	June 2, 1916
BISER, D. BENTON. Asst. C. E., Water Dept. City Hall, Baltimore, Md.....	Sept. 17, 1923
BISHOP, GUY H., C.E. Carolina Engineering Co., 412 Southern Bldg., Wilmington, N. C.....	Sept. 26, 1921
BISHOP, WESLEY. Genl. Supt., Township of Moorestown Water Dept., Moorestown, N. J.....	Mar. 29, 1916
BIZZELL, L. U. Supt. Water Works, Zebulon, N. C.....	Dec. 8, 1923
BLACK, ERNEST B. Cons. Engr., Mutual Building, Kansas City, Mo.....	June 24, 1913
BLACK, GURDON G. 3737 Washington Ave., St. Louis, Mo.....	Feb. 13, 1915
BLAIN, CLAUD FRANCIS. Public Works Department, Sydney, N. S. W., Australia.....	Nov. 14, 1922
BLAIR, MCCREA PARKER. 1133 Catherine St., Victoria, West, B. C.....	Apr. 20, 1910
BLAIR, T. J., JR. 16 S. Main Ave., Weston, W. Va.....	Apr. 23, 1924
BLANCHARD, R. K., M.E. Engr., Neptune Meter Co., 50 East 42nd St., New York, N. Y.....	June 19, 1919
BLEISTEIN, BERNARD J. Asst. Engr., Dept. W. S. G. and E. of N. Y. City, 143 Sterling St., Brooklyn, N. Y.....	Apr. 26, 1918
BLESSED, WILLIAM S. Mech. Engr., 800 Marquette Bldg., Detroit, Mich.....	June 1, 1923
BLEVINS, WILLIAM H. Mgr., Water, Light & Power Co., Mt. Sterling, Ky.....	Jan. 16, 1924
BLEW, MICHAEL JAMES. 8018 Germantown Ave., Chestnut Hill, Philadelphia, Pa.....	Aug. 21, 1922
BLIVEN, CHARLES H. Supt. Norfolk City Water Dept., Norfolk, Va.....	May 12, 1914
BLIVEN, GEO. H. Supt. Rochester and Lake Ont. Wtr. Co., 440 Powers Bldg., Rochester, N. Y.....	Apr. 26, 1909
BLIVEN, M. HARVEY. Asst. Engr. Wtr., Dpt. Eastman Kodak, 71 Bellevue Drive, Rochester, N. Y.....	Apr. 12, 1921
BLOCKIE, GEORGE D. Supt., Water Works, Hammond, Ind....	June 8, 1921
BLOHM, ARTHUR W. P. Engr. Asst. State Dept. Health, 2206 Walbrook Ave., Baltimore, Md.....	Aug. 9, 1922
BLOMQUIST, H. F. Supt. City Water Works, Cedar Rapids, Ia.....	May 13, 1917
BLOSSOM, FRANCIS. Engineer, 52 William St., New York, N. Y.....	Apr. 9, 1906
BOARDMAN, W. H. Civil Engr., 426 Walnut St., Philadelphia, Pa.....	Apr. 18, 1909
BODKIN, J. T. 404 N. Main St., Kokomo, Ind.....	Mar. 19, 1924
BOEH, WM. H. 1041 Celestial St., Cincinnati, Ohio.....	Apr. 2, 1909
BOGERT, CLINTON L. Consulting Engineer, 30 Church St., Rm. 414, New York, N. Y.....	Jan. 19, 1924
BOHMANN, HENRY P. Supt. Water Works, Milwaukee, Wis.	May 8, 1913



BOLTON, JAMES R. Supt. of Water Dept., City Hall, 20 Gerald Ave., Highland Park, Mich.....	Mar. 25, 1924
BOOKER, WARREN H. 121 Crescent Ave., Charlotte, N. C....	July 21, 1911
BOOTH, GEORGE W. 76 William St., New York, N. Y.....	Feb. 2, 1924
BOOTH, L. M. Prest. Booth Chemical Co., P. O. Box 203, Elizabeth, N. J.....	May 12, 1914
BOOTH, WILLIAM MILLER. Cons. Chem. Engr., 312 First Tr. & Dep. Bk. Bldg., Syracuse, N. Y.....	June 8, 1909
BORDEN, MORO M. 310 Lees Ave., Collingswood, N. J.....	June 5, 1912
BOTTEN, H. H. Chief Engr., Washington Surv. & Rating Bur., P. O. Box 1818, Seattle, Wash.....	Jan. 16, 1924
BOWE, THOMAS FRANCIS. Cons. Engr., 110 William St., New York, N. Y.....	Feb. 9, 1920
BOWMAN, ABRAHAM M. Supt. Public Utilities, Elmira, Ont....	Oct. 21, 1919
BOWNE, SIDNEY B. Civil Engineer, Mineola, N. Y.....	May 28, 1924
BOYLE, BRYAN J. Dpty., Wtr. Comnr. Bur. of Water, 2 Municipal Bldg., Buffalo, N. Y.....	Mar. 16, 1922
BOYLE, EDWARD CHARLES. 241 Jackson St., Trenton, N. J....	Apr. 12, 1916
BOYLES, MARVIN M. Supt., Water Dept., City Hall, Greensboro, N. C.....	Sept. 26, 1921
BOYNTON, PERKINS. Chst. in chge., New Chester Wtr. Wks., 115 W. Mowry St., Chester, Pa.....	June 16, 1920
BRADBURY, EDWARD GATLING. County Sanitary Engr., Court House, Columbus, O.....	June 16, 1919
BRADLEY, E. B. City Bacteriologist, Lexington, Ky.....	May 23, 1923
BRADLEY J. F. Chf. Engr. and Bact., R. F. D. 8, Valparaiso, Ind.....	Feb. 10, 1921
BRAGG, GEORGE H. 445 Sutter St., San Francisco, Cal.....	Oct. 14, 1922
BRACKENRIDGE, C. City Engineer, City Hall, Vancouver, B. C., Can.....	Nov. 8, 1923
BREITZKE, CHARLES F. Sanitary Engineer, Jersey City Water Works, Boonton, N. J.....	June 7, 1910
BRENNAN, JAMES I. Mng. Engr., Pittsburgh Bureau of Water, 416 City-County Bldg., Pittsburgh, Pa.....	Mar. 19, 1924
BRETZ, C. E. Supt. City Water Works, City Hall, Oklahoma City, Okla.....	Aug. 1, 1923
BRICKER, R. P. Prest., Shelby Water Co., Shelby, Ohio.....	Nov. 19, 1915
BRIDGERS, J. H. Prest. Henderson Water Co., 123 N. Garnett St., Henderson, N. C.....	June 5, 1923
BRISBIN, G. W. Supt., Monroe Water Works, Monroe, Mich..	Aug. 14, 1919
BROCKWAY, WARNER C. Engr. Taxpayers League, 213 Torrey Bldg., Duluth, Minn.....	May 23, 1923
BROCKWELL, SHERWOOD. Deputy, Ins. Comnr., Raleigh, N. C.....	Nov. 18, 1921
BROMLEY, C. H. Munic. Engr., Grimsby, Ont.....	June 21, 1920
BROMSCHWIG, A. C. Supt. Filt. and Water Works, 615 119th St., Whiting, Ind.....	Apr. 19, 1921
BROOKS, JAMES E. Consulting Engineer, 40 Wildwood Terrace, Glen Ridge, N. J.....	May 12, 1914
BROOKS, JOHN N. 224 West State St., Trenton, N. J.....	Feb. 24, 1912
BROSSMAN, CHARLES. Cons. Engr., 1503 Merchants Bank Bldg., Indianapolis, Ind.....	Apr. 7, 1916
BROWER, IRVING C. City Manager, Pontiac, Mich.....	Apr. 18, 1915
BROWN, A. R. Prest. Erwin Water Co., Erwin, Tenn.....	Feb. 19, 1923
BROWN, C. ARTHUR. Sanitary Engineer, West Erie Pa., R. F. D. 2, Lorain, O.....	June 27, 1905
BROWN, C. D. Mgr. The Walkerville Water Co., Walkerville, Ontario, Can.....	Oct. 16, 1916
BROWN, CALVIN S. The Belvedere. Toledo, Ohio.....	Mar. 15, 1882

BROWN, CHARLES CARROLL, C.E. P. O. Box 234, St. Petersburg, Fla.....	May 12, 1906
BROWN, EDWARD. Supt. Water Works, Eau Claire, Wis.....	Jan. 24, 1921
BROWN, HORACE A., C.E. Conslt. Engr. and Supt. Water Works, Ottumwa, Iowa.....	May 7, 1919
BROWN, JAMES. 425 East Olive St., Turlock, Calif.....	Sept. 12, 1922
BROWN, RASSELAS W. Supt. and Secty., Corry Water Supply Co., Corry, Pa.....	Apr. 3, 1916
BROWN, WALTER I. City Hall, Bangor, Me.....	Oct. 30, 1914
BROWNELL, OTTO E., C.E. Dvn. of Santn., State Bd. of Hlth., Minneapolis, Minn.....	Mar. 8, 1920
BRUCE, JOHN A. Cons. Engr., 120 S. 50th Ave., Omaha, Neb..	Oct. 21, 1920
BRUSH, CLINTON FREDERICK. Mgr. Bound Brook Water Co., 419 Summit Ave., Westfield, N. J.....	Jan. 7, 1924
BRUSH, WM. W. Deputy Chf. Engr., Dept. Water Supply, Gas and Electy., Municipal Building, New York, N. Y.....	Feb. 18, 1911
BUCHANAN, HUGH. Compania Consolidada de Aguas, Corrientes del Rosario, Ltd., Rosario de Santa Fe, Argentine.	June 25, 1924
BUCK, WILLIAM H. Engr. and Supt. Construction, Riverton and Palmyra Water Co., Riverton, N. J.....	May 7, 1916
BUGBEE, JULIUS W. City Chemist, 290 Massachusetts Ave., Providence, R. I.....	Feb. 20, 1924
BUHRENDORF, JOHN C. C.E., 74 Fairview Ave., Yonkers, N. Y.....	Mar. 25, 1924
BULKELEY, OSCAR E. Bd. Wtr. and El. Lt. Comn., Lansing, Mich.....	June 23, 1913
BULL, CHARLES H. Asst. Engr., Dept. W. S. G. and E., 702 Madison Ave., New York, N. Y.....	Mar. 30, 1920
BULL, IRVING C. Analytical and Consulting Chemist, 50 West St., New York, N. Y.....	June 8, 1906
BUNKER, GEORGE CYRUS. P. O. Box 262, Ancon, C. Z.....	Feb. 23, 1911
BUNTING, P. G. Mgr. City Point Water Co., Box 11, Petersburg, Va.....	Feb. 7, 1916
BURDICK, CHARLES B. Hydraulic and Sanitary Engr., 1417 Hartford Bldg., Chicago, Ill.....	July 18, 1907
BURGESS, PHILIP. Cons. Engr., 223 East Broad St., Columbus, Ohio.....	Apr. 27, 1911
BURNETT, MUSCOE. Prest. Water Co., Paducah, Ky.....	June 22, 1923
BURNHAM, HARRY A. Engr. & Sp. Insptr. F. M. F. Ins. Co., 68 Brookside Ave., Newtonville, Mass.....	June 16, 1920
BURNIE, ARTHUR N. Supt., Biddeford and Saco Water Co., Biddeford, Me.....	Mar. 22, 1916
BURT, JOHN. Gnl. Mgr. Marin Mepl. Wtr. Works, 425 5th Ave., San Rafael, Cal.....	May 20, 1920
BURT, L. B. National Lime Association, 77 W. Washington St., Chicago, Ill.....	July 31, 1924
BUSHNELL, WILL B. Spvsg. Engr., C. & U. Water Co., 18 Taylor St., Champaign, Ill.....	Feb. 20, 1922
BUSWELL, A. M. Chief, State Water Survey Divn., Urbana, Ill.....	Mar. 20, 1916
BUTTENHEIM, HAROLD S. Editor <i>The American City</i> , 443 Fourth Ave., New York, N. Y.....	Mar. 13, 1913
BUTTS, J. S. City Manager, Wheeling, W. Va.....	Feb. 6, 1924
BUTZ, GEORGE W., SR. 2301 Boulevard, Wilmington, Del....	Nov. 20, 1923
BUZBY, J. S. Box 310, Burlington, N. J.....	Sept. 30, 1919
CADMAN, ROBERT M. Supt. Engineering Dept., Schedule Rating Office of N. J., 17 Park Ave., Summit, N. J....	May 28, 1924
CADY, HARRISON R. Mech. Engr., Bur. of Water, 795 City Hall, Philadelphia, Pa.....	July 9, 1921

06	CAIRD, JAMES M. Chemist and Bacteriologist, Proctor Bldg.,	
21	Troy, N. Y.....	May 16, 1900
	CALDWELL, JAMES H., C.E. 55 First St., Troy, N. Y.....	July 10, 1906
19	CALHOUN, J. W. Meter Foreman, New Chester Water Co.,	
22	Box 264, Chester, Pa.....	May 14, 1921
16	CALVERT, CECIL K. Chemist, Indpls. Sewage Comn., 1902	
14	N. New Jersey Ave., Indianapolis, Ind.....	Nov. 22, 1920
20	CAMERON, ARCHIBALD PRESTON. c/o Worthington-Simpson,	
20	Ltd., Queens House, Kingsway, London, W. C. 2, Eng.	June 4, 1912
24	CAMPBELL, C. B. Supt., Bureau of Water, Altoona, Pa.....	May 10, 1915
11	CAMPBELL, ELMER W. State Dept. of Health, Augusta, Maine	Dec. 8, 1923
24	CAMPBELL, GEORGE A. P. O. Box 2002, Reno, Nev.....	Apr. 9, 1913
	CAMPBELL, MYRON G. Mge. St. Albans Water & Ice Co., St.	
	Albans, W. Va.....	Feb. 6, 1924
	CAMPION, HARRY T. Supt. Water Works, Defiance, O.....	Nov. 30, 1920
	CANALS, J. A. Civil Engineer, P. O. Box 436, San Juan, P. R.	Jan. 7, 1924
	CAPRON, JOHN D. Statistical Engineer, U. S. Cast Iron Pipe	
	& Fdy. Co., Burlington, N. J.....	Jan. 30, 1924
16	CARLIN, PHIL. Supt. Water Works, Sioux City, Iowa.....	Apr. 14, 1891
24	CARR, J. A. Supt., Village Water Dept., Ridgewood, N. J...	May 3, 1916
24	CARRICK, O. W. Wtr. Engr., Wabash Ry., 1636 E. William	
	St., Decatur, Ill.....	Sept. 21, 1920
	CARROLL, EUGENE. Vice Prest. and Mgr. Butte Water Co.,	
	Butte, Mont.....	June 7, 1904
13	CASE, EGBERT D. Vice-Pres., Pitometer Co., 50 Church St.,	
20	New York, N. Y.....	Mar. 4, 1921
	CASGRAIN, CHARLES P. Mgr., Water Works, City Hall,	
	Quebec, Canada.....	May 20, 1920
06	CATES, R. H. Pwr. Engr., So. Cal. Edison Co., 1210 Lake St.,	
11	Los Angeles, Cal.....	June 16, 1920
16	CATLETT, GEORGE F. San. Engr., State Bd. of Hlth. Bureau	
07	of Eng. and Inspcn., Raleigh, N. C.....	June 7, 1919
11	CAVALLIER, C., C.E. 9-13 Rue Saint-Leon, Nancy, France.	Aug. 31, 1916
23	CHAMBELLAIN, L. H. 725 Jean St., Oakland, Calif.....	Jan. 2, 1924
20	CHAMBERS, GEORGE H. Supt. Mntnce., B. of W., 50 Lake	
16	View Ave., Buffalo, N. Y.....	June 8, 1921
01	CHAMBERS, JOHN. Chief Engr. and Supt., Louisville Water	
23	Co., Louisville, Ky.....	June 8, 1921
20	CHAMOT, E. M. Prof. Sanitary Chemistry, Cornell Univer-	
	sity, Ithaca, N. Y.....	Feb. 13, 1915
16	CHAMPE, GEORGE, C.E. 610 Nasby Building, Toledo, Ohio..	Mar. 10, 1913
20	CHAMPION, ROY B. Supt. Public Works, 36 West 12th St.,	
24	Holland, Mich.....	Mar. 11, 1914
22	CHARRON, HENRY S. Supt. City Water Works, No. 5 City	
16	Hall, Burlington, Vt.....	Mar. 8, 1924
13	CHASE, CHARLES P., C.E. 123 Sixth Ave., Clinton, Ia.....	Aug. 31, 1916
24	CHASE, EDWARD SHERMAN. c/o Metcalf and Eddy, 14 Beacon	
19	St., Boston, Mass.....	May 3, 1919
24	CHASE, HORACE H. 610 West 146th St., New York, N. Y....	May 28, 1924
23	CHASE, RICHARD D., C.E. 607 Purchase St., New Bedford,	
19	Mass.....	Nov. 3, 1919
24	CHESTER, J. N., H. and M.E. Union Bank Building, Pitts-	
23	burgh, Pa.....	Nov. 7, 1910
19	CHILDS, J. A. Engineer, State Board of Health, 1988 Summit	
	Ave., St. Paul, Minn.....	Feb. 5, 1917
24	CHIPMAN, WILLIS, C.E. Mail Bldg., Toronto, Ont., Can.....	Apr. 18, 1888
24	CHISHAM, J. M. Supt. Water Co., Atchison, Kans.....	June 11, 1902
21	CHIVVIS, LELAND. Engr. in chge. Dist. Secn., 312 City Hall,	
	St. Louis, Mo.....	Oct. 4, 1919
	CHRISTENSEN, C. H. Mgr. Lt. and Water Co., Missoula, Mont.	Oct. 4, 1919

CLAFLIN, CHARLES R. Supt. Water Co., Rennselaer, N. Y...	Sept. 30, 1919
CLAIBORNE, HERBERT A. Contracting Engineer, 204 West Franklin St., Richmond, Va.....	May 7, 1917
CLANCY, JAMES M. Comnr. of Finance, Court House, St. Paul, Minn.....	June 30, 1922
CLARK, A. E. Chemist & Bacteriologist, 233 Storch St., Saginaw, Mich.....	June 10, 1919
CLARK, ARTHUR T. Supt. Water Works, Herkimer, N. Y.....	May 16, 1919
CLARK, CHARLES M. 105 S. Division St., Peekskill, N. Y.....	Apr. 4, 1924
CLARK, E. W. American Water Works & Elec. Co., 114 Carman Ave., Operating Dept., Lynbrook, L. I.....	Mar. 8, 1924
CLARK, FRED. W. G. Water Works Engr., British Municipal Council, Tientsin, N. China.....	June 22, 1923
CLARK, H. W. Prest. H. W. Clark Co., Mattoon, Ill.....	May 29, 1895
CLARK, HARRY W. Chf. Chmst., State Dpt. Hlth. Rm. 541, State House, Boston, Mass.....	May 26, 1920
CLARK, WILLIAM G. Cons. Engr., 1047 Spitzer Bldg., Toledo, Ohio.....	July 8, 1908
CLARK, WILLIAM H. Supt. Water Works, Avon, N. Y.....	May 31, 1916
CLARK, WILLIAM L. Chemist, Wyandotte Filt. Plnt., 5 Superior Blvd., Wyandotte, Mich.....	Sept. 21, 1920
CLARK, WILLIAM MANSFIELD. Prof. Chemistry, Hygienic Lab., U. S. P. H. S., 25th and E. Sts., Washington, D. C.	June 9, 1921
CLARKE, LEONARD. Distr. Mgr., 814 Main St., Vancouver, Wash.....	Mar. 5, 1921
CLAY, JOE. Supt. Water Works, Carlisle, Ky.....	Jan. 7, 1924
CLAYTON, R. M. American Savings Bank, Atlanta, Ga.....	Apr. 5, 1891
CLEFLIN, EDWIN J. 50 Jefferson Ave., Jersey City, N. J.....	May 28, 1924
CLEMENS, O. E. Mgr., Wtr. Sales, S. V. Wtr. Co., 375 Sutter St., San Francisco, Cal.....	Feb. 10, 1921
CLEMMITT, ROBERT L. 3625 Springdale Ave., Baltimore, Md.....	Aug. 27, 1910
CLEVELAND, E. A. Cons. Engr., Dept. of Lands, Parliament Bldg., Victoria, B. C., Canada.....	Mar. 12, 1924
CLEVELAND, H. BURDETTE. Cons. San. Engr., 38 Park Row, New York City.....	Aug. 1, 1923
CLEVERDON, WALTER S. L. Supvr. of Property Ass. Prof. of Sanitary Engineering N. Y. Univ., Bronx, New York,	Apr. 3, 1916
CLIFTON, CHARLES ELMER. Chemist, Proctor Bldg., Troy, N. Y.....	Mar. 12, 1910
CLINTON, JACOB S. Supt. Bureau of Water, Schenectady, N. Y.....	Feb. 23, 1924
COBLEIGH, W. M. Professor of Chemistry, Montana State College, Bozeman, Mont.....	Dec. 29, 1913
COBURN, JAMES W. Treasr. Rennselaer Water Co., P. O. Box 868, Portland, Me.....	Feb. 19, 1923
COCHRAN, HORACE J. Pres., Maysville Water Co., Maysville, Ky.....	May 28, 1924
COCHRAN, J. D. Supt. Water Works, Statesville, N. C.....	Dec. 8, 1923
CODE, R. W. C.E. 116 Chatham St. W., Windsor, Ont.....	Aug. 4, 1922
COE, RALPH B. Asst. Engr., Board of Water Supply N. Y. C., 105 S. Division St., Peekskill, N. Y.....	Mar. 25, 1924
COFFIN, T. DEL. Asst. Engr., Bureau Water Supply City of N. Y., Katonah, N. Y.....	Apr. 14, 1922
COLE, EDWARD S. Prest., The Pitometer Co., 50 Church St., New York, N. Y.....	June 12, 1902
COLLINS, A. Water Comnr., 29 Jepson St., Niagara Falls, Ont.	June 8, 1921
COLLINS, EDWARD H. Chf. Dftsmn. Bd. Wtr. Cmnrs., 914 E. Jefferson Ave., Detroit, Mich.....	May 29, 1920
COLLINS, M. F. Supt. Water Works, Lawrence, Mass.....	June 21, 1920

CONARD, W. R. Savings Institution Bldg., Burlington, N. J.	June 7, 1904
CONNOR, F. J. Supt. Water Works, Sioux Falls, S. Dak.	May 16, 1900
CONNOR, THOMAS J. Supt. Water and Light Dept., Gilbert, Minn.	June 2, 1920
COOK, JOHN H. Hyd. Engr., East Jersey Water Co., 158 Ellison St., Paterson, N. J.	July 10, 1906
CORBIN, CLEMENT K. Dctr. Middlesex Water Co., 243 Washington St., Jersey City, N. J.	May 12, 1908
CORCORAN, HARRY J. Chf. Engr. Iowa Ins. Serv. Bur., 716 Securities Bldg., Des Moines, Iowa.	Jan. 2, 1924
COREY, RAY HOWARD. Gnl. Mgr., Coos Bay Water Co., Marshfield, Ore.	June 19, 1920
CORIN, MAGNUS F. Chemist, 511 Hansberry St., Germantown, Pa.	Apr. 20, 1910
CORP, CHARLES I., Prof. Hyd. & San. Eng., Univ. of Wis., Madison, Wis.	Mar. 21, 1923
COSCULLUELA, JUAN ANTONIO. Cons. Engr., O'Reilly y Mercaderes, Havana, Cuba.	Oct. 16, 1913
COSTA, JOSEPH D. 1509 Albany Terrace, Albany, Calif.	Sept. 17, 1923
COUGHLAN ROBERT E. Sprvr. Wts. Sup. C. & N. W. R. R., 109 S. Karlov Ave., Chicago, Ill.	Feb. 28, 1923
COULTER, WALDO S. Cons. Engr., 114 Liberty St., New York, N. Y.	Nov. 17, 1916
COUSINEAU, Aimé. City San. Engr., Health Dept., City Hall, Montreal, Canada.	June 10, 1920
COWAN, P. H. Supt. Pub. Util., Galt, Ont.	June 9, 1919
COWLES, M. WARREN. 82 Mill Plain Rd., Fairfield, Conn.	Apr. 7, 1919
COX, CHARLES R. Asst. Engineer, State Department of Health, Albany, N. Y.	July 30, 1921
COX, GEORGE W. Supt. of City Utilities, Harlan, Iowa.	Oct. 31, 1923
COX, HOMER F. Chief Engr. Scranton Gas and W. Co., 430 Colfax Ave., Scranton, Pa.	May 12, 1914
COX, LAWRENCE W. R. F. D. No. 2, Iron Mountain, Mich.	Dec. 26, 1919
CRAIG, EDWARD M., JR. San. Engineer, Charlotteburg, N. J.	Oct. 11, 1923
CRAIG, J. O. Supt. Water Works, Salisbury, N. C.	May 24, 1922
CRAIG, ROBERT HALL. Cons. Engr., 200 Telegraph Bldg., Harrisburg, Pa.	May 26, 1919
CRAMER, HUGH R. Asst. Chf. Engr. Lexington Wtr. Co., Lexington, Ky.	May 23, 1923
CRAMER, W. S. Chf. Engr., Water Co., P. O. Box 42, Lexington, Ky.	May 12, 1908
CRANCH, EUGENE T. City San. Engr., 329 St. Andrews St., Petersburg, Va.	Mar. 19, 1922
CRANE, ARTHUR M. 405 Chestnut St., Roselle Park, N. J.	May 26, 1918
CRAWFORD, HOMER C. Prest. Centerville Water Co., Coopers-town, Pa.	June 6, 1919
CRICHTON, ANDREW B. Secty. and Trs., Portage Water Co., Johnstown, Pa.	May 29, 1915
CRIPPS, GEORGE R. Supt., Water Works Repair Dept., 18 Eagle St., Rochester, N. Y.	June 8, 1909
CROCKETT, HARVEY S. City Superintendent, 118 Schiller St., Elmhurst, Ill.	Jan. 26, 1924
CROFOOT, E. H. Supt. City Water Works, Mason City, Iowa.	Oct. 5, 1923
CROFT, H. P. Ch. Eng. State Dept. of Health, 208 Maple Ave., Trenton, N. J.	Jan. 7, 1924
CROLL, EMIEL A. Supt. Water Works, Iron Mountain, Mich.	Sept. 7, 1893
CROUNSE, AVERY F. Mgr. Sanitor Construction Co., 4323 Dupont Ave., So., Minneapolis, Minn.	May 8, 1920
CROW, J. W. Supt. of Water & Light, Ponca City, Okla.	Feb. 23, 1924



CROWLEY, CORNELIUS M. Water Registrar, St. Paul, Minn...	Oct. 18, 1918
CROZIER, RAY. Engr. and Supt., Peoria Water Works, Peoria, Ill.....	Feb. 5, 1915
CRUM, EMORY CLAY. City Engineer, P. O. Box No. 354, Frederick, Md.....	Feb. 13, 1924
CUDDEBACK, ALLAN W. Engr. and V. P. Passaic Water Co., 158 Ellison St., Paterson, N. J.....	June 7, 1904
CULYER, THURSTON C., C.E. 135 East 95th St., New York, N. Y.....	June 26, 1910
CUNNINGHAM, F. G., C. E. Fuller & McClintock, 879 North Parkway, Memphis, Tenn.....	Apr. 30, 1923
CUNNINGHAM, JOSEPH T. Supt., Flatbush Wtr. Wks. Co., 48 St. Pauls Place, Brooklyn, N. Y.....	Nov. 25, 1921
CURRIE, C. H. Cons. Engr., Webster City, Ia.....	Apr. 20, 1920
CURTIS, J. EUGENE. Filtn. Plant, Washington, D. C.....	May 3, 1923
CUTTS, FRANCIS T. Asst. Water Com'r., 34 East Grand Ave., St. Louis, Mo.....	June 15, 1914
DAILY, CORNELIUS M. Engr. in Chge. of Supply and Purif. Sect., St. Louis Water Dept., St. Louis, Mo.....	Apr. 4, 1918
DALYIN, F. A., C.E. Provincial Sanitary Engineer, Spadina House, Spadina Cres., Toronto, Ont.....	Feb. 2, 1916
DAMES, ERWIN. Village Hall, Winnetka, Illinois.....	June 9, 1922
DANIEL, FRANK R. Chief Engr., Wisconsin Inspec. Bureau, 490 Broadway, Milwaukee, Wis.....	Aug. 18, 1924
DANIELS, FRANCIS E. Eng. Div. State Dept. of Health, 2115 N. Second St., Harrisburg, Pa.....	Sept. 2, 1916
DAPPERT, JAMES W., C.E. Lock Box 141, Taylorville, Ill....	Oct. 23, 1914
DAVIDSON, GEORGE M. Ind. Engr., C. & N. W. Ry. Co., 226 W. Jackson Blvd., Chicago, Ill.....	Mar. 11, 1915
DAVIS, ARTHUR P. 505-17th St., Oakland, Calif.....	Feb. 9, 1924
DAVIS, CARL E. Resd. Engr. Bd. Wtr. Comrs., 105-7 N. 2nd St., Memphis, Tenn.....	June 1, 1923
DAVIS, CARLETON E. Mgr. Indianapolis Wtr. Co., 113 Monument Circle, Indianapolis, Ind.....	Apr. 28, 1912
DAVIS, E. E. Div. Supt., Bureau of Water, Richmond, Va....	May 12, 1908
DAVIS, FRANK J. Supt., Ansonia Water Co., 354 Main Street, Ansonia, Conn.....	May 15, 1916
DAVIS, H. F. Representing Wallace & Tiernan, c/o Charlotte Water Wks., Charlotte, N. C.....	Dec. 8, 1923
DAVIS, P. D. Asst. Engr., Wm. M. Piatt, Durham, N. C.....	Jan. 12, 1922
DAVIS, W. L. Supt., Water Dept., P. O. Box 266, Ports- mouth, Va.....	July 8, 1922
DAW, LAWRENCE. Chf. Engr., Underwriters Assn. of N. Y., 700 Gurney Building, Syracuse, N. Y.....	May 9, 1916
DAY, E. L. Mgr. Princeton Water Works Co., 816 Mercer St., Princeton, W. Va.....	May 27, 1922
DAY, LEONARD A. Chf. Mech. Engr., St. Louis Water Dept., 34 E. Grand Ave., St. Louis, Mo.....	Apr. 24, 1917
DEBERARD, W. W. Western Editor, <i>Engineering News-Record</i> , 1570 Old Colony Bldg., Chicago, Ill.....	June 3, 1912
DECAMP, GUY. Supt., Water & Light Dept., La Grange, N. C.	Apr. 23, 1924
DECKER, ARTHUR J. Consulting Civil Engr., 2014 Geddes Ave., Ann Arbor, Mich.....	May 23, 1923
DECKER, A. CLINTON. Sanitary Engr., Tenn. Coal, Iron & Railroad Co., Birmingham, Ala.....	June 2, 1914
DECKER, DAVID A. c/o Lock Joint Pipe Co., Box 21., Ampere, N. J.....	June 21, 1920
DELEUW, CHARLES E. Kelker, DeLeuw & Co., Engrs., 111 W. Washington St., Chicago, Ill.....	Nov. 30, 1923



DENMAN, CHARLES SING. Genl. Mgr. Des Moines Water Co., Des Moines, Iowa.....	Dec. 10, 1915
DENNETT, ROBERT C. Hyd. Engr., c/o Natl. Board Fire Underwriters, 76 William St., New York, N. Y.....	May 15, 1914
DETTRA, L. R. City Manager, Winchester, Virginia.....	June 11, 1924
DETWILER, L. F. Supt., Goldfield Consol. Water Co., Gold- field, Nevada.....	June 28, 1924
DEVENDORF, EARL. Asst. San. Engr. St. Dept. of Hlth., 1239 Albany St., Schenectady, N. Y.....	May 22, 1919
DEVILBISS, H. ROLAND. Dept. Engr., Washington Suburban Sanitary Dist., Hyattsville, Md.....	Apr. 10, 1922
DEWEY, ALVIN H. V. P. & Gen. Mgr. Rochester & Lake On- tario Wtr. Co., Bx. 185, Rochester, N. Y.....	May 23, 1923
DIEHL, GEORGE C. Cons. Engr., 577 Elicott Square, Buffalo, N. Y.....	May 15, 1923
DIGGS, FRANKLIN, JR. San. Engr., Linthicum Heights, Md...	Sept. 11, 1923
DIGGS, JOHN C. San. Engr., Department of Conservation, 126 State Capitol, Indianapolis, Ind.....	Sept. 9, 1919
DIGNAN, B. T. Chem. and Bact., City Water Works, Niagara Falls, N. Y.....	Apr. 10, 1919
DILL, H. A. Supt., Water Works, Richmond, Ind.....	May 16, 1900
DILLER, J. W. Superintendent, Water Works, Wilber, Nebr...	July 31, 1924
DISSEL, J. A. Supt. Municipal Elec. Light & Waterworks, Crescent City, Fla.....	Apr. 10, 1924
DITTOE, W. H. Chief Engr., State Department of Health, Columbus, Ohio.....	May 28, 1914
DIVEN, J. M., Jr., C. E. 235 W. 71st St., New York, N. Y....	June 17, 1913
DIXON, FREDERIC JOHN. Chf. Engr. Staffordshire Wtr. Wks., 264 Paradise St., Birmingham, England.....	Aug. 8, 1919
DIXON, G. GALE. Consulting Engineer, 1119 Tremont Bldg., Boston, Mass.....	June 21, 1920
DIXON, J. H. Superintendent Water Dept., Lillington, N. C..	Dec. 8, 1923
DOANE, NORMAN D. Apt. 708, 2035 No. Meridan St., Indian- apolis, Ind.....	May 31, 1921
DOBBIN, R. L. Supt. Water Works, 223 Aylmer St., Peter- borough, Ont.....	Feb. 28, 1923
DODD, RENNIE I. Chemical Engr., P. O. Box 1353, Charles- ton, W. Va.....	Apr. 10, 1922
DONAHUE, COL. JAMES P. Colfax, Ia.....	Apr. 16, 1884
DONALDSON, WELLINGTON. c/o Messrs. Fuller & McClintock, 170 Broadway, New York, N. Y.....	Apr. 29, 1910
DONNELLY, R. V. Pres., The Paradox Engr. Co., 24 So. Wash- ington Place, Long Island City, N. Y.....	Apr. 7, 1917
DONOHUE, JERRY. Prest., Donohue Engineering Co., She- boygan, Wis.....	June 20, 1922
DOOLEY, P. J. Supt., Water Works, 319 Third Ave., Joliet, Ill.....	May 15, 1922
DORRANCE, FRANK YOUNG. Divn. Engr., Montreal Water Bd., 341 Brock Ave., North, Montreal West, P. Q., Can.,	July 14, 1920
DORSEY, STANTON, L. V. P., Knox Engineering Corp., 120 Broadway, New York, N. Y.....	May 28, 1924
DOTEN, CAPT. LEONARD S. U. S. Army, Schuylkill Arsenal, 2520 Gray's Ferry Road, Philadelphia Pa.....	Aug. 19, 1914
DOUGHERTY, BEN R. Supt., Richmond Water & Light Co., Richmond, Ky.....	Apr. 16, 1924
DOUGHERTY, M. J. Pres., M. J. Dougherty Corp., 25th St. & Washington Ave., Philadelphia, Pa.....	May 28, 1924
DOUGHERTY, ROBERT E. Supt. West Palm Beach Water Co., West Palm Beach, Fla.....	Feb. 7, 1922
DOUGLAS, RAY E. Supt. Water Works, Canandaigua, N. Y...	Mar. 31, 1919

DOUGLASS, ROBERT M., C. E. 912 Columbia Bank Bldg., Pittsburgh, Penn.	May 12, 1923
DOW, ALEX. 2000 Second Ave., Detroit, Mich.	Aug. 4, 1919
DOWD, JOHN E. 162 85th St., Brooklyn, N. Y.	Mar. 4, 1922
DOWLING, F. F. Chief Engineer, British Columbia Fire Undwtrs., 1021 Rogers Bldg., Assoc., Vancouver, B. C., Canada.	May 31, 1924
DOWNES, JOHN R. Green Brook Park, Bound Brook, N. J.	July 10, 1906
DRAKE, CHESTER F. Div. Supt., Pittsburgh Filtration Plant, Aspinwall, Pa.	Apr. 27, 1910
DRAKE, EDWARD, C.E. New Bedford, Mass.	Jan. 29, 1921
DRAKE, WILLIAM O. City Engr., Supt. Public Works, City Hall, Corning, N. Y.	Apr. 30, 1917
DRANE, BRENT S. N. C. Geo. & Economic Survey, Chapel Hill, N. C.	June 28, 1924
DRUAR, JOHN F. Cons. Engr., 500-4 Globe Bldg., St. Paul, Minn.	Nov. 18, 1919
DRYDEN, FRANCIS H. City Engineer, Salisbury, Md.	May 13, 1924
DUFFY, JAMES M. Village Engineer, Mamaroneck, N. Y.	June 6, 1922
DUGGAN, THOMAS R., Ph.D., F.I.C. Chemists Club, 52 East 41st St., New York, N. Y.	Dec. 9, 1913
DUGGER, EUGENE F. Acting Supt. Newport News L. & W. Co. 2410 Wesh Ave., Newport News, Va.	May 17, 1924
DUMOULIN, W. L. Asst. Gnl. Supt., New Cornelia Copper Co., Ajo, Arizona.	June 18, 1910
DUNHAM, H. F., C.E. 32 West 40th St., New York, N. Y.	Apr. 16, 1884
DUNLAP, FRED C. 6621 No. 12th St., Philadelphia, Pa.	May 12, 1908
DUNLAP, JOHN H. 33 West 39th St., New York, N. Y.	Apr. 7, 1917
DUNN, WM. CAREY. Supt. Mt. Hope Filter Plant, Box 541, Cristobal, C. Z.	Nov. 12, 1919
DUNWOODY, J. S. Supt., Water Department, Erie, Pa.	June 5, 1913
DURBIN, W. H. C. E. Asst. Mgr. T. H. Water Works Co., 634 Cherry St., Terre Haute, Ind.	May 23, 1923
DURLAND, SMITH N. Cashier, Queens Co. Water Co., 15 John St., Far Rockaway, N. Y.	Jan. 29, 1914
DURST, J. ARTHUR, M.E. 112 N. Broad St., Philadelphia, Pa.	May 15, 1914
DWYER, CORNELIUS. 18 Chuctanunda St., Amsterdam, N. Y.	Apr. 11, 1914
DWYER, JOHN D. Chairman, Water & Sewer Board, 228 Spring St., Medford, Mass.	May 24, 1922
EARL, GEORGE GOODELL. Genl. Supt., 402 Sewerage and Water Bd. Bldg., New Orleans, La.	July 18, 1907
EARL, RALPH. Hyd. Engr., c/o Sewerage and Water Board, Water Purification Dept., New Orleans, La.	June 6, 1916
EARLY, F. A. Supt., Water Works, Brampton, Ont.	May 24, 1922
EASBY, WILLIAM A., JR. Civil & Sanitary Engr., 1201 Chestnut St., Philadelphia, Pa.	Mar. 12, 1924
EASTWOOD, JOHN THOMPSON. Prin. Asst. Engr., Sewer and Water Bd., City Hall Annex, New Orleans, La.	May 24, 1909
EDWARDS, WILLIAM R. Asst. Supt. Passaic Water Co., 156 Ellison St., Paterson, N. J.	Apr. 2, 1914
EGLOF, WARREN K. Chemist & Bacteriologist, 11 Grand St., Newburgh, N. Y.	June 11, 1924
EHLE, CHESTER G. Chf. Dftsmn. & Distbn. Engr. Wtr. Bureau, 211 City Hall, Portland, Ore.	Mar. 21, 1923
EHRHART, C. L. Supt. Water Works, Box 187, Boone, Ia.	Apr. 30, 1919
ELDREDGE, GUY. Vacaville, Cal.	Dec. 29, 1916
ELDRIDGE, H. D. Treas., Princeton Water Company, Princeton, N. J.	Apr. 14, 1916

ELLIOTT, G. A. Chf. Engr., Spring Valley Water Co., 425 Mason St., San Francisco, Calif.....	May 15, 1918
ELLIS, E. W., C.E. Box 482, Honolulu, T. H.....	Sept. 26, 1921
ELLIS, LUKE. Serv. Engr., Pub. Serv. Comm. of Md., 1722 Munsey Bldg., Baltimore, Md.....	Sept. 23, 1924
ELLIS, N. RANDALL. Valtn. Engr. City Atty. Office, 453 City Hall, San Francisco, Cal.....	June 9, 1920
ELMS, JOSEPH W. 1263 Cook Ave., Lakewood, Ohio.....	Oct. 21, 1919
ELLSWORTH, HARRY. Supt. Water and Light Dept., Meadville, Pa.....	July 18, 1907
ELROD, HENRY E. Cons. Engr., Elrod Bldg., 3206 Elm St., Dallas, Tex.....	Feb. 2, 1916
ELSBERG, N. W. City Engr., 203 City Hall, Minneapolis, Minn.....	May 23, 1923
ELY, HOWARD M. Superintendent Water Co., Danville, Ill....	June 8, 1909
ELY, JOHN STANTON. Asst. Engr., Bur. of Water, 796 City Hall, Philadelphia, Pa.....	Mar. 20, 1922
EMERSON, C. A., JR. c/o Fuller & McClintock, Rm. 601, 1001 Chestnut St., Philadelphia, Pa.....	May 12, 1908
EMERSON, FRANK. City Engr. and Supt. Water Dept., Peabody, Mass.....	Nov. 12, 1919
ENANDER, E. H. Engr., Distribution Public Service Co. Northern Ill., 75 W. Adams St., Chicago, Ill.....	June 27, 1922
ENGEL, P. N. 333 W. 25th Place, Chicago, Ill.....	June 12, 1919
ENGER, M. L. Prof. Mechanics and Hydraulics, Univ. of Ill., Urbana, Ill.....	Mar. 11, 1915
ENGH, HARRY M. Mgr. Pub. Util. Dept., American Appraisal Co., Milwaukee, Wis.....	Mar. 25, 1916
ENGLAND, R. G., C.E. Fargo Engineering Co., 147 So. Mechanic St., Jackson, Mich.....	Sept. 2, 1914
ENGLE, JAMES W. Big Bethel Water Development, R. F. D. No. 2, Box 110, Hampton, Va.....	Sept. 4, 1923
ENO, F. H., C.E. Ohio State University, Columbus, Ohio....	Dec. 2, 1913
ENSLow, LINN HARRISON. San. Engr., State Dept. of Hlth., 110 Capitol St., Richmond, Va.....	Aug. 16, 1918
ERICKSON, D. L. City Engineer, Lincoln, Nebr.....	June 30, 1924
ERICKSON, WENDELL J. Asst. Sanitarian, State Dept. of Health, 1552 Nott St., Schenectady, N. Y.....	Jan. 19, 1924
ERVAST, ANDREW. Mgr., Coronado Water Co., 440 Union Bldg., San Diego, Calif.....	Oct. 11, 1923
ESTY, ROGER W. Supt., 17 Hobart St., Danvers, Mass.....	Mar. 1, 1924
ETNYRE, S. L. Supt. Water Works, Council Bluffs, Iowa....	May 10, 1915
ETZEL, GEORGE C. Analyst, 1101 12th Ave., Rock Island, Ill.....	June 5, 1916
EVANS, CHARLES. Supt. of Constr., 540 Haller St., Lima, O.	May 26, 1923
EVERETT, CHESTER M. Of Hazen and Whipple, 25 W. 43rd St., New York, N. Y.....	May 10, 1915
EVERETT, JASPER W. Supt., Penobscot Co. Wtr. Co., Orono, Me.....	May 5, 1922
EVERETTE, WILLIS EUGENES. P. O. Box 188, San Rafael, Calif.....	Dec. 29, 1913
EVINGER, M. I. Cons. Civ. and San. Engr., Sta. A., Lincoln, Neb.....	Jan. 31, 1910
EWING, JAMES. Hunter Dist. Water Sup. and Sew. Bd., Newcastle, N. S. W., Australia.....	Nov. 5, 1913
EWRY, RAY C. Municipal Bldg., Rm. 2200, New York, N. Y....	Apr. 4, 1924
EYMER, HERMAN H. City Engineer, Saginaw, Mich.....	June 4, 1912
FAGER, E. P. Bet. and Chst. Dearborn Chem. Co., 1029 W. 35th St., Chicago, Ill.....	Aug. 5, 1920

FAGG, J. H.	123 Sutter St., Stockton, Calif.	Nov. 8, 1923
FAIRCHILD, W. H.	Mgr. Pub. Util., Galt, Ont.	June 9, 1915
FALES, ALMON L.	Of Metcalf & Eddy, Cons. Engrs., 14 Beacon St., Boston, Mass.	Feb. 26, 1921
FALLER, C.	Supt., Carlisle Gas and Water Co., Carlisle, Penn.	May 8, 1909
FARMER, JOHN T.	Mechanical & Hydraulic Engr., 314 Cori- stine Bldg., Montreal, Canada	Mar. 8, 1924
FARMER, OLLEF O.	Supt. of Water Dept., 511 Peimonto St., Inglewood, Calif.	Nov. 8, 1923
FARQUHARSON, ALEX. L.	Mgr. Brockville Public Utilities Vic- toria Hall, Brockville, Ont., Can.	Mar. 8, 1924
FARRAR, H. L.	Dist. Mgr., Southern Illinois Gas Co., Mur- physboro, Ill.	Oct. 21, 1920
FARRELL, JAMES W. D.	Asst. Supt. Water Works, 3025 Rae St., Regina, Sask.	Feb. 23, 1920
FARRELL, THOMAS S.	1303 Wset Blvd., Cleveland, O.	June 7, 1921
FAUCO, HERNANDO GOMEZ.	Apartado No. 151, Bogota, Co- lombia.	Mar. 1, 1924
FEENEY, A. J.	Asst. Engr. and Supt. Water Dept., Wilming- ton, Del.	Apr. 30, 1919
FEETER, SILAS S.	City Engr. & Supt. Water Works, Little Falls, N. Y.	Oct. 22, 1921
FEIST, MARTIN.	Supt. Meh. Eqpt. St. P. Wtr. Wks., Dayton's Bluff Sta., B. 4, St. Paul, Minn.	May 13, 1919
FELIX, GEORGE H.	138 N. Ninth St., Reading, Pa.	Sept. 7, 1893
FELLOWS, C. L.	Water Works Engineer, 39 Lowther Ave., Toronto, Can.	June 7, 1904
FENKELL, GEORGE H.	Supt. and Gnl. Mgr. Bd. Wtr. Comnrs., Cor. Jefferson and Randolph, Detroit, Mich.	June 21, 1920
FERGUSON, EMERY E.	Supt., West Virginia Water & Electric Co., Charleston, W. Va.	Apr. 10, 1922
FERGUSON, HARRY FOSTER.	Chf. Eng., State Dept. of Hlth., Springfield, Ill.	Nov. 9, 1914
FERGUSON, JOHN B.	C.E. Hagerstown, Md.	Sept. 30, 1919
FERGUSON, S. F.	Cons. Engr., 10 E. 44th St., New York, N. Y.	Dec. 5, 1914
FERRIS, T. E.	Chrmn. Wtr. Comnrs., Niagara Falls, Ont.	Feb. 10, 1921
FETZER, JOHN BERNARD.	Supt. City Water Dept., 347 E. Stephen St., Martinsburg, W. Va.	Feb. 6, 1924
FIELD, FREDERICK E.	Engr. Water Bd., 135 Ballantyne Ave., Montreal, West, P. Q.	June 21, 1920
FIELD, WILLIAM T.	Cons. Engr., Flower Bldg., Watertown, N. Y.	Apr. 27, 1910
FIELDS, F. V.	Supt., Water & Light Dept., Mooresville, N. C.	Apr. 23, 1924
FIESLER, FRED A.	145 E. High St., Edwardsville, Ill.	June 20, 1922
FIFIELD, GILBERT H.	Asst. Engr., Board of Water Supply N. Y. C., Prattsville, N. Y.	Mar. 19, 1924
FILBERT, W. D.	412 N. Fifth St., Reading, Pa.	Apr. 27, 1910
FILBY, ELLSWORTH L.	State San. Engr., State Bd. of Hlth., Columbia, S. C.	Feb. 7, 1922
FINK, G. J.	Chem. Director, National Lime Association, 918 G. Street, Northwest, Washington, D. C.	Apr. 8, 1924
FINKLE, F. C.	Cons. Hyd. Engr., 449 I. W. Hellman Build- ing, Los Angeles, Cal.	June 24, 1912
FINLAY, W. S., JR.	Vice Pres. Amer. Wtr. Wks. and El. Co., 50 Broad St., New York, N. Y.	Nov. 30, 1920
FINLAYSON, JOHN N.	Univ. of Manitoba, Eng. Bldg., Sher- brooke & Portage, Winnipeg, Canada.	Feb. 28, 1923
FINNERAN, GEO. H.	Supt. Water Service, 710 Albany Ave., Boston, Mass.	Feb. 18, 1921



FISHER, E. A. Consulting Engineer, Rochester, N. Y.....	June 4, 1912
FISHER, L. A. P. O. Box 193, Concord, N. C.....	Jan. 27, 1914
FITZGERALD, HOWARD. Chf. Engr. Buffalo Wtr. Wks., 128 Congress St., Buffalo, N. Y.....	Apr. 20, 1923
FLAA, INGWAUD E. Asst. Engr., Spring Valley Water Co., 425 Mason St., San Francisco, Cal.....	May 14, 1915
FLACK, HORACE E. Executive, Dept. Legislative Reference City Hall, Baltimore, Md.....	June 16, 1919
FLAD, EDWARD. 1312 Chemical Bldg., St. Louis, Mo.....	July 23, 1919
FLANNERY, WILLIAM. M. E. Dept. W. S. G. and E., N. Y., 97 Park Ave., Brooklyn, N. Y.....	May 9, 1921
FLEMING, VIRGIL R. 204 Lab. App. Mech., Urbana, Ill.....	Apr. 14, 1915
FLINN, ALFRED DOUGLAS. Secty. United Eng. Soc., Room 1617, Eng. Soc. Bldg., New York, N. Y.....	Mar. 1, 1916
FLINT, GEORGE M. 14 Beacon St., Room 613, Boston, Mass.	Oct. 14, 1922
FLOWER, G. E. San. Engr., Room 211, City Hall, Cleveland, Ohio.....	June 8, 1921
FOERSTER, JOHN ADDISON. Mangr., Hydro-Electric & Water Works Coms., Kincardine, Ontario.....	Apr. 24, 1922
FOLEY, HARRY F. Supt., Water Bureau, 196 Riverdale Ave., Yonkers, N. Y.....	Feb. 7, 1922
FOLWELL, A. PRESCOTT. Municipal Engineering Consultant, Park Row Bldg., New York, N. Y.....	July 10, 1906
FOOTE, FRANCIS C. 507 Westinghouse Bldg., Pittsburgh, Pa.	May 23, 1924
FOOTE, HERBERT B. Director, Div. Water & Sewage, State Board of Health, Helena, Mont.....	Aug. 1, 1923
FORD, J. W. Engr. San Jose Water Works, 374 W. Santa Clara St., San Jose, Calif.....	Jan. 26, 1924
FOREMAN, CHARLES S. 1st Asst. Engr. & Mgr. Wtr. Dept., 2nd Floor, City Hall, Kansas City, Mo.....	June 21, 1920
FORRISTEL, F. E. Supt. Water Works, Eveleth, Minn.....	June 9, 1919
FORSBERG, OLE. Chst., Oliver Iron Mining Co., Hibbing, Minn.....	Mar. 14, 1921
FOSS, W. E. Detr. and Chf. Engr., Water Dvn., Mtrptn. Dist. Comm., 1 Ashburton Place, Boston, Mass.....	July 10, 1906
FOSTER, CHARLES. Cons. Engr., 512 Selwood Bldg., Duluth, Minn.....	June 9, 1919
FOULKS, JOHN A. Chf. Engr., Divn. of Wtr., Newark, N. J...	Dec. 23, 1921
FOWLER, ARTHUR G. Supt. Water Works, R. F. D. 3, Cumberland, Md.....	Apr. 27, 1910
FOWLER, EDWARD A. Asst. Engr. 207 Swrge. and Wtr. Bd. Bldg., New Orleans, La.....	Apr. 27, 1910
FOX, CHARLES L. Asst. Supt., Pennsylvania Water Co., 712 South Avenue, Wilkesburg, Pa.....	June 4, 1912
FOX, ROBERT L. City Engr., 37 E. Broad St., Bethlehem, Pa.....	May 24, 1922
FRANK, FRED W. Secty. and Mgr. Water Works, Brantford, Ont., Can.....	July 18, 1907
FRAZIER, J. W. Cons. Engr., B. F. Keith Bldg., Cleveland, O.	June 8, 1921
FREDERICK, W. DAYTON. Bridgeton Water Works, Bridgeton, N. J.....	May 12, 1914
FREEBURN, H. M. Dist. Engr., State Dept. of Hlth., 1903 Green St., Harrisburg, Pa.....	May 5, 1922
FREEMAN, ALLEN W. Res. Lecturer, Hygiene & Pub. Hlth., Johns Hopkins, 310 W. Monument St., Baltimore, Md...	July 12, 1922
FREER, W. D. American Water Works & Elec. Co., 50 Broad St., New York, N. Y.....	Mar. 8, 1924
FREILING, HENRY J. 625 Grand Ave., Hannibal, Mo.....	May 12, 1914
FRENCH, D. W. Supt. Hackensack Water Co., P. O. Box 98, Weehawken, N. J.....	May 29, 1895

FRENCH, DUDLEY K. Chemist, Dearborn Chemical Co., 2005 McCormick Building, Chicago, Ill.....	May 25, 1919
FRENCH, E. V., M.E. 185 Franklin St., Boston, Mass.....	July 10, 1906
FRETTER, A. H. Supt., Water Works, 603 S. Broadway, Medina, O.....	Feb. 7, 1922
FRICK, WALTER S., C.E. East Falls Church, Virginia.....	Nov. 21, 1922
FRTZ, WILLIAM G. Contractor, West Orange, N. J.....	May 28, 1924
FUERTES, JAMES H. Cons. Engr., 140 Nassau St., New York, N. Y.....	July 10, 1906
FULLER, GEORGE W. 170 Broadway, New York, N. Y.....	June 15, 1898
FULLER, W. A. Cons. Engr., 1917 Railway Exc. Building, St. Louis, Mo.....	Oct. 14, 1914
FULLER, WESTON E., C.E. Swarthmore College, Swarthmore, Pa.....	May 27, 1922
FULLERTON, HOWARD R. State San. Engr., Tenn. St. Bd. of Health, 405 7th Ave. North, Nashville, Tenn.....	Jan. 9, 1923
FURMAN, ROBERT W. Chf. Chemist, Water Purification Works, 1443 Kenyon Drive, Toledo, Ohio.....	May 25, 1922
GABY, FREDERICK A. Chf. Engr., Hydro-Electric Power Com. of Ont., 190 University Ave., Toronto, Ont., Canada.....	Feb. 8, 1916
GAILLARD, G. Y. Pres., New Haven Water Co., 100 Crown St., New Haven, Conn.....	May 27, 1924
GALLAGHER, H. A. Mgr. Water Co., Independence, Mo.....	June 8, 1909
GAMMON, J. E. Gen. Mgr., The Sheffield Co., Sheffield, Ala....	Feb. 23, 1924
GANNETT, FARLEY. Prest., Gannett, Seelye and Fleming, Engrs., 204 Locust St., Harrisburg, Pa.....	Nov. 29, 1919
GARMAN, H. O. Consulting Engineer., 2062 N. Meridian St., Indianapolis, Ind.....	May 30, 1916
GASCOIGNE, GEORGE B. Consulting Sanitary Engr., 648 Leader-News Bldg., Cleveland, O.....	June 16, 1920
GATES, H. V. Prest., Hillsboro Power and Invest. Co., Hillsboro, Oregon.....	June 7, 1904
GAUNT, PERCY. Chief Sanitation Chemist, c/o Shanghai Municipal Council, Shanghai, China.....	Sept. 12, 1922
GAUSMANN, ROY W. Division Engineer, New York City Board of Wtr. Sup., Grand Gorge, N. Y.....	Mar. 12, 1924
GAVETT, WESTON. Analyst, 312 W. 5th St., Plainfield, N. J....	Nov. 10, 1914
GEAR, PATRICK. Supt. Water Dept., Holyoke, Mass.....	June 24, 1913
GEEHAN, EDWARD A. American Water Works & Elec. Co., 50 Broad St., New York, N. Y.....	Feb. 6, 1924
GELSTON, W. R. Supt. Water Works Commission, Quincy, Ill.....	May 7, 1907
GENSHEIMER, GEORGE C. Secty. Comrs. of Water Works, Erie, Pa.....	June 22, 1919
GEORGIA, FREDERICK RAYMOND. Dept. of Chemistry, Cornell Univ., Ithaca, N. Y.....	May 16, 1919
GERARDY, MAURICE N. Pitometer Opt., 176 E. Jefferson Ave., Detroit, Mich.....	Mar. 16, 1922
GERBER, WINFRED D. C.E., 892 Vernon Ave., Glencoe, Ill....	Apr. 19, 1915
GERHARD, NORMAN P., C.E. Scarsdale, New York, N. Y.....	Oct. 21, 1919
GETTRUST, J. S. Supt. Akron Filtr. Plnt., Kent, O.....	June 8, 1921
GEUPEL, LOUIS A. Room 152, Basement State House, Indianapolis, Indiana.....	Nov. 28, 1922
GIACOMAZZI, P. A. 335 Pleasant St., Santa Paula, Calif.....	Nov. 8, 1923
GIBBONS, MORTIMER M. 61 Warren Ave., Mattapan, Mass.	Nov. 9, 1922
GIBSON, JAMES E. Manager & Engr., Water Dept., 14 George St., Charleston, S. C.....	May 1, 1922
GIDEON, ABRAHAM, C.E. Mgr. Metropolitan Water Distr., Manila, P. I.....	June 8, 1909



GIDLEY, HENRY T. Supt. Fairhaven Water Co., Fairhaven, Mass.	May 23, 1923
GIESEY, JESSE K., C.E. Shrewsbury, Pa.	Sept. 30, 1919
GILCREAS, F. WELLINGTON. 49 Hall Ave., Watertown, Mass.	Apr. 4, 1924
GILCRIST, CHARLES B. Supt., Water Works, Newburgh, N. Y.	May 25, 1922
GILKISON, GEORGE F., M.D. Chf. Chst. Water Dept., 2019 E. 29th St., Kansas City, Mo.	Apr. 24, 1920
GILLESPIE, C. G. Director, State Bd. Hlth., Bur. San. Engr., 336 40th St., Oakland, Calif.	June 10, 1911
GILLIG, JOHN T. Engineer, 910 Fayette Bank Bldg., Lexington, Ky.	July 28, 1924
GITCHELL, H. M. Supt. Water Works, Binghamton, N. Y.	May 7, 1924
GIVEN, CHARLES W. Supt., Water Works, Monrovia, Calif.	June 8, 1922
GLACE, IVAN M. Dist. Engr., Pa. Dept. of Hlth., 22 S. 22nd St., Harrisburg, Pa.	Nov. 30, 1921
GLADDING, R. D. P. O. Box 217, Wilson, N. C.	May 29, 1920
GLANNAN, PETER HUGH. Supt. Commonwealth Wtr. Co., W. O. Dvn., 22 Northfield Road, West Orange, N. J.	June 8, 1921
GLYNNE, HARRY N. 1676 Whitney Ave., New Haven, Conn.	Aug. 12, 1922
GODFROY, F. G. Supt. Wtr. & Lt., New Bern, N. C.	May 17, 1923
GOENTNER, WILLIAM B. 221 W. Mt. Carmel Ave., Glenside, Pa.	June 8, 1909
GOLDSMITH, CLARENCE. Asst. Chf. Engr., Natl. Bd. Fire Underwriters, Room 401, 209 W. Jackson Blvd., Chicago, Ill.	Dec. 27, 1915
GOLDSTEIN, MAURICE. Junior C. E., Water Dept., 212 N. Collington Ave., Baltimore, Md.	June 9, 1922
GOOD, TIMOTHY W. Supt. Water Works, Cambridge, Mass.	Feb. 7, 1920
GOODELL, J. E. Chmst., 444 Woolworth Bldg., Lancaster, Pa.	Apr. 14, 1924
GOODELL, J. M., H.E. 106 Lorraine Ave., Upper Montclair, N. J.	Apr. 27, 1894
GOODMAN, ARNOLD H. San. Engr., 1434 E. 65th Place, Jackson Park Station, Chicago, Ill.	Dec. 23, 1921
GOOGINS, A. L. San. Engr. 332 Lindenwood, Topeka, Kans.	Jan. 31, 1923
GOODNOUGH, X. HENRY. Chief Engr. Dept. of Public Health, Room 141, State House, Boston, Mass.	Feb. 2, 1924
GORDON, Fred G. Hyd. Engr., c/o D. H. Maury, 1445 Monadnock Block, Chicago, Ill.	June 8, 1921
GORE, WILLIAM. Cons. Engr., Confederation Life Bldg., Toronto, Ont.	May 30, 1910
GORMAN, ARTHUR E. San. Engr., Department of Health, 1121 Morse Ave., Chicago, Ill.	Mar. 25, 1924
GOSLAU, JUSTUS. Cedar Grove, N. J.	May 13, 1924
GOUDEY, RAY F. San. Engr., 821 Pacific Finance Bldg., Los Angeles, Cal.	Apr. 30, 1918
GOULD, HARRY W. Supt. Pmpg. Stn., Water Works Park, Detroit, Mich.	Mar. 20, 1922
GOULD, RICHARD H. Sanitary Engineer, 140 Nassau St., New York, N. Y.	Feb. 6, 1924
GRAF, AUGUST V. Chief Chemist, St. Louis Water Works, 34 East Grand Ave., St. Louis, Mo.	June 15, 1914
GRAFF, HANS, JR. Engr. U. S. Army Engrs., 3350a 23rd St., San Francisco, Cal.	Oct. 30, 1920
GRAHAM, GEORGE A. C.E., Nelson Bldg., Orange Ave., Daytona, Fla.	Dec. 11, 1919
GRAHAM, JAMES W. 16 Casco St., Portland, Me.	June 4, 1912
GRANT, ALEXANDER, C.E. 6 Queensgate, Inverness, Scotland.	Dec. 27, 1920
GRANTHAM, C. M. Supt. Water Dept., Goldsboro, N. C.	Jan. 6, 1916
GRAY, WILLIAM J. Supt. & C.E., Springfield City Water Co., Post Box 292, Springfield, Mo.	Apr. 23, 1924

GREELEY, SAMUEL A. No. 6 N. Michigan Ave., Rm. 1710, Chicago, Ill.....	July 11, 1907
GREEN, F. W. Supt. Filtration & Pumping, Passaic Consolidated Water Co., Little Falls, N. J.....	Dec. 22, 1915
GREEN, GEORGE W. Supt., Stamford Township Water Works, Niagara Falls, Ont.....	Apr. 6, 1920
GREEN, PAUL EVANS. Civil and Sanitary Engineer, 400 N. Michigan Ave., Chicago, Ill.....	Apr. 14, 1915
GREEN, RALPH H. Morrison, Ill.....	Sept. 12, 1924
GREENALCH, WALLACE. C.E., 37 So. Pearl St., Schuylerville, N. Y.....	July 18, 1917
GREGORY, JOHN HERBERT. Cons Engr., Prof. Civ. and San. Eng., The Johns Hopkins Univ., Baltimore, Md.....	Apr. 1, 1910
GRIFFEY, H. A. Mgr. Water Dept., City Hall, Janesville, Wis.....	June 14, 1920
GRIFFITHS, GEO. E. C.E., 365 E. 197th St., New York, N. Y....	Mar. 25, 1924
GRIMES, EDWIN L. Engr., J. B. McCrary Eng. Corp., 44 Vedado Way, Atlanta, Ga.....	Feb. 23, 1920
GRIMMER, ALLAN K. Town Engineer, Riordon Company, Limited, Temiskaming, Que.....	June 2, 1920
GROBBEL, DANIEL CORNELIUS. Asst. Secty., Bd. Wtr. Comrs., Detroit, Mich.....	Oct. 17, 1920
GROENIGER, WILLIAM C. Cons. San. Engr., Michigan & Buttes Aves., Columbus, O.....	May 8, 1922
GRONER, E. C. 4300 W. Lake St., Chicago, Ill.....	Oct. 11, 1923
GROSS, C. P. Mgr., Water & Electric Dept., Box 87, Wisconsin Rapids, Wis.....	July 31, 1924
GROTZ, WILLIAM H. Assistant Engr. Bureau of Water, 50 Lake View Ave., Buffalo, N. Y.....	June 8, 1921
GRUETZMACHER, CLARENCE S. 2108 26th St., Milwaukee, Wis..	June 5, 1920
GUNNING, HARRISON, B.E. c/o Eberly & Stebinger, Sec. K., 560 Avenida de Mayo, Buenos Aires, A. R.....	Nov. 20, 1919
GUSHEE, EDWARD G. 2nd. Asst. Eng., Bureau of Water, 2122 N. 28th St., Philadelphia, Pa.....	May 12, 1908
GUTTERIDGE, A. GORDON. San. Engr., Dept. Health, 51 Spring St., Melbourne, Australia.....	May 17, 1923
GWINN, DOW R. Terre Haute, Ind.....	Sept. 7, 1893
HABERMAYER, GEORGE CONRAD. Civil and Sanitary Engr., 57 Chemistry Bldg., Urbana, Ill.....	Apr. 14, 1915
HACKETT, LEW E. 313 N. Capitol Ave., Lansing, Mich.....	May 28, 1924
HALE, CHARLES. Divnl. Supt. Water Works, 452 St. Antoine St., Montreal, Canada.....	Apr. 24, 1920
HALE, FRANK E., Ph.D. Director of Laboratories, Mt. Prospect Laboratory, Brooklyn, N. Y.....	May 12, 1908
HALE, RICHARD A. Chief Engineer, Essex Company, Lawrence, Mass.....	May 28, 1924
HALE, RICHARD KING, C.E. 545 Chestnut Hill Ave., Brookline, Mass.....	June 10, 1911
HALEY, DANIEL F. 239 Westervelt Ave., New Brighton, S. I., N. Y.....	Mar. 19, 1924
HALL, H. F. Chf. Engr., Water Works Dept., Northern Apts., Sarnia, Ont.....	June 21, 1920
HALL, H. G. Supt. Pub. Util. Comn., Ingersol, Ont.....	Mar. 26, 1923
HALL, HARRY R. Dpty. Chf. Engr., Washington Suburban Sanitary District, Hyattsville, Md.....	May 8, 1915
HALL, WARREN E. Dist. Eng. U. S. Geological Survey, 6 Government St., Asheville, N. C.....	Dec. 8, 1923
HALLERS, JOHN A. Chst., Ind. Svce. Corp. of Va., 4 Dynamite Ave., City Point, Va.....	Apr. 27, 1922

HALPIN, GEORGE R.	703 16th St., Watervliet, N. Y.	June 13, 1916
HALPIN, THOMAS F.	c/o A. P. Smith Mfg. Co., East Orange, N. J.	July 18, 1901
HAMMERLY, FRED V.	536 Call Bldg., San Francisco, Calif.	Jan. 2, 1924
HAMMOND, R. B.	Supt. Water Dept., Blue Island, Ill.	June 8, 1919
HAMMOND, W. H.	Supt., Lindsay Water Works, Lindsay, Ont., Can.	June 24, 1914
HANCOCK, EDWIN.	Cons. Engr., 2047 Ogden Ave., Chicago, Ill.	Nov. 12, 1919
HANNA, DAVID McLEAN.	Supt. of Water Works, City Hall, Windsor, Ont.	June 9, 1920
HANNAN, FRANK.	Chst., Fltn. Plant, 181 Willow Ave., Toronto, Ont.	July 30, 1921
HANSEN, A. E.	Hyd. and San. Engr., 116 W. 39th St., New York, N. Y.	Dec. 31, 1917
HANSEN, J. C.	Water Works Trustee, 551 West Broadway, Council Bluffs, Iowa.	Feb. 27, 1924
HANSEN, PAUL.	c/o Pearce, Greeley & Hansen, No. 6 N. Michigan Ave., Rm. 1710, Chicago, Ill.	June 4, 1912
HARDER, H. J.	Civ. & San. Engr., 129 Market St., Paterson, N. J.	Dec. 4, 1920
HARDING, GEORGE.	Mgr., 1105 Paulsen Building, Spokane, Wash.	Oct. 10, 1912
HARDING, JAMES C., C.E.	170 Broadway, New York, N. Y.	July 12, 1922
HARDING, JAMES C., JR., C.E.	170 Broadway, New York, N. Y.	June 6, 1922
HARDING, JOHN H.	Supt. Water Works, La Porte, Ind.	May 14, 1918
HARDING, ROBERT J.	Vice Prest., San Antonio Water Supply Co., 106 Market St., San Antonio, Texas.	Oct. 23, 1914
HARDY, EDWARD DANA.	Asst. Engr., United States Engineer Office, Room 250, Old Land Building, Washington, D. C.	May 12, 1908
HARPER, L. V.	Mgr., Chelan Electric Co., Chelan, Wash.	Aug. 19, 1914
HARRIS, F. M.	Supt. Water Works, Odessa, Mo.	Aug. 5, 1924
HARRIS, R. C.	Com'r of Works, City Hall, Toronto, Ont., Can.	May 12, 1914
HARRISON, JOHN H.	Supt. Kingston Wtr. Wks. Dept., City Hall, Kingston, N. Y.	Mar. 19, 1924
HARRISON, RONALD.	B. A. Sc., Engr. & Supt. Scarborough Twnshp. Water Works, Birch Cliff, P. O. Toronto, Canada.	Jan. 30, 1924
HARRUB, C. NELSON.	San. Engr., 506 Fourth & First Ntl. Bnk Bldg., Nashville, Tenn.	Apr. 16, 1914
HARSHBARGER, ELMER DWIGHT.	Pes., Pitt Construction Co., 239 Gladstone Rd., Squirrel Hill, Pittsburgh, Pa. Sta.	June 28, 1924
HASKINS, CAPT. CHAS A.	Consulting Engineer, 517 Finance Bldg., Kansas City, Mo.	June 19, 1924
HASSKARL, JOSEPH F.	Cons. Engr., 1934 North Broad St., Philadelphia, Pa.	Mar. 8, 1924
HASSLER, DR. SAMUEL F.	Supt. Public Safety, 500 No. Second St., Harrisburg, Pa.	May 29, 1920
HATCH, DONALD M.	Chf. Engr. Water Dept., 506 First St., Jackson, Mich.	May 16, 1920
HATFIELD, WILLIAM DURRELL.	Sewage Disposal Plant, Sanitary District of Decatur, Decatur, Ill.	Jan. 31, 1917
HATTON, T. CHALKLEY.	Chief Engineer, City Hall, Milwaukee, Wis.	June 11, 1902
HAUPT, B. W.	Secty., Roaring Creek and Bear Gap Wtr. Cos., 204 E. Sunbury St., Shamokin, Pa.	Mar. 16, 1922
HAVILL, HAROLD THOMAS.	Asst. Engr., Dept. Wtr. Sup. New York City, 51 North St., Mt. Vernon, N. Y.	June 11, 1902

HAWLEY, GEORGE W. Secty. and Treasr. Water Co., Dixon, Ill.....	June 21, 1920
HAWLEY, GEO. W. Engr. in Charge, Water Supply Investgn. & Constn., East Bay Water Company, Oakland, Cal...	June 30, 1922
HAWLEY, JOHN B. Cons. Engr., 403 Cotton Exchange, Ft. Worth, Tex.....	June 1, 1923
HAWLEY, W. C. Chf. Engr. and Genl. Supt., Pennsylvania Water Co., 712 South Ave., Wilksburg, Pa.....	Apr 27, 1910
HAYDOCK, CHARLES. Engr., Water Companies, 922 Commercial Trust Bldg., Philadelphia, Pa.....	Feb. 17, 1919
HAYES, JAMES G. Supt. of Water Works, Smith Falls, Ont., Canada.....	Mar. 8, 1924
HAYES, OSCAR C. Asst. Engr., Board of Water Supply N. Y. C., Prattsville, N. Y.....	Mar. 19, 1924
HAYFORD, B. B. Superintendent Water Works, Waukesha, Wis.....	June 8, 1909
HAYS, C. D. Huron, South Dakota.....	Oct. 31, 1922
HAZEN, ALLEN. Civil Engineer, 25 W. 43rd St., New York, N. Y.....	May 27, 1896
HAZLEHURST, GEORGE H. Chf. San. Eng., Montgomery, Ala.	Nov. 1, 1914
HEALEY, THOMAS. Supt. Davenport Water Co., 206 Kahl Bldg., Davenport, Iowa.....	May 28, 1924
HEARD, ALBERT. Supt. and Treas., Hagerstown, Md.....	July 18, 1907
HEATH, RAY. Laboratories of Dept. of Health, City Hall, Toronto, Canada.....	June 26, 1924
HEBBRING, A. W. Supt. Wauwatosa Water Works, 292 Key- yon Ave., Wauwatosa, Wis.....	Sept. 8, 1923
HECHMER, CARL A. Dept. Engr., Mtnc. and Optg. Dept., Wash. Subn. San. Dist., Hyattsville, Md.....	Nov. 3, 1919
HEERMANS, H. C. Manager Water Works Co., Hoquiam, Wash.....	June 26, 1886
HEFFERNAN, DAVID A. Supt. Water Dept., Milton, Mass....	May 28, 1924
HELLING, HARRY A. Supt., Consol. Water Co., 86 Beekman St., North Tarrytown, N. Y.....	Jan. 17, 1922
HENBY, WM. H. Secty. and Mgr., West St. Louis Water and Light Co., 6600 Delmar Ave., St. Louis, Mo.....	May 6, 1915
HENDERSON, CHARLES R. Mgr. Davenport Water Co., Daven- port, Iowa.....	June 18, 1901
HENDERSON, THOMAS. Supt. Water Bureau, City Hall, Yonkers, N. Y.....	Apr. 23, 1924
HENDRICK, WALLACE M. 11 Clarkson Ave., Brooklyn, N. Y...	May 10, 1915
HENDRICKS, R. W. Engr. Hyd. Dept. Indtrs. Labs., 207 E. Ohio St., Chicago, Ill.....	Apr. 2, 1923
HENDRY, W. A. Chf. Engr., Water Works, 628 West 9th St., Waterloo, Ia.....	Nov. 25, 1921
HENRY, WARREN, M.E. Ill. Com. Comn., 2061 S. Fourth St., Springfield, Ill.....	Apr. 3, 1922
HENSHAW, FRANKLIN. Supt. Wtr. Wks., Scarsdale, N. Y.	Sept. 21, 1920
HERBERT, E. H. Chf. Engr. Pumping Dept. of Water, Norfolk, Va.....	May 15, 1922
HERR, J. O. Sec. & Tr. Atlantic County Co., of N. J., Lock Box F, Pleasantville, N. J.....	June 5, 1916
HESS, EDWIN WESLEY. Cons. Engr., 2-6 Murray Bldg., Clear- field, Pa.....	Jan. 16, 1920
HETZER, MENTOR. Mgr. Moundsville Water Co., Mounds- ville, W. Va.....	Nov. 17, 1916
HEYWARD, T. C., B.S. Mech. & Elect. Engr., 1100 Realty Bldg., Charlotte, N. C.....	June 22, 1923
HEZZELWOOD, LAWRENCE LYMAN. Engr., Des Moines Munic. Water Plt., 1003 Locust St., Des Moines, Iowa.....	Aug. 13, 1924



HIBBS, ALBERT S. Ass't Supt., Akron City Water Works, 102 E. Mill St., Akron, Ohio.....	Sept. 12, 1922
HIBSCHMAN, CHARLES A. Supt., Ambler Springs Water Co., Ambler, Montgomery Co., Pa.....	Aug. 11, 1924
HICKS, J. S. Superintendent Water Co., Berwick, Pa.....	Dec. 8, 1910
HIGGINS, LAFAYETTE, C.E. San. Engr. State Bd. of Health, 1144 W. 25th St., Des Moines, Ia.....	Dec. 10, 1915
HIGHLAND, SCOTLAND G. General Manager, Clarksburg Water Board, Clarksburg, W. Va.....	Feb. 10, 1913
HILL, ALBERT B. Cons. C.E., 100 Crown St., New Haven, Conn.....	Oct. 30, 1914
HILL, JOHN W. Consulting Engineer, 45-47 Bodmann Bldg., Cincinnati, Ohio.....	June 26, 1886
HILL, NICHOLAS S., JR. Cons. Engr., 112 E. 19th St., New York, N. Y.....	June 18, 1901
HILTON, FRANK L. Mgr., Los Angeles Branch, Water Works Sup. Co., 305 N. Stoneman Ave., Alhambra, Calif.....	Jan. 16, 1924
HINCHMAN, T. H. Cons. Engr., 800 Marquette Bldg., Detroit, Mich.....	June 1, 1923
HINEMAN, JAMES. 40 E. 9th St., Newport, Ky.....	Feb. 16, 1924
HINMAN, JACK J., JR. Chf. Water Lab. State Bd. Hlth., P. O. Box 313, Iowa City, Ia.....	Apr. 21, 1915
HOAD, PROF. WILLIAM CHRISTIAN. 1028 Martin Place, Ann Arbor, Mich.....	June 24, 1913
HOAG, GEORGE F. Fire Prevention Engr., 76 William St., New York, N. Y.....	June 2, 1920
HOAG, PERCY LATOURETTE. Hyd. Engr., Manhasset, L. I., N. Y.	June 28, 1919
HOAGLAND, IRA GOULD. Secty., National Automatic Spklr. Assn., 80 Maiden Lane, New York, N. Y.....	Apr. 27, 1910
HODGES, GEORGE C. Chemist, Consolidated Water Co., 712 Washington St., Utica, N. Y.....	June 11, 1924
HODGKINS, H. C. Civil Engineer, 415 Dillaye Bldg., Syracuse, N. Y.....	Apr. 18, 1888
HODGMAN, BURT B., C.E. 50 Church St., New York, N. Y.....	July 18, 1907
HODKINSON, THOMAS. C.E., Supt. Water Works, 14 King St., London, Ont., Can.....	Apr. 15, 1913
HOFFMASTER, GEORGE EDWARD. 44 Bay View Ave., New Rochelle, N. Y.....	May 13, 1916
HOGAN, JOHN PHILIP. Cons. Engr., 13 East 11th St., New York, N. Y.....	June 9, 1920
HOLBROOK, ARTHUR R., C.E. c/o Fuller & Maitland, Rm. 206, Walsix Bldg., Kansas City, Mo.....	Apr. 30, 1923
HOLBROOK, ROYAL H. Comb. Engr., Ia. State College, 1420 Second Ave., Cedar Rapids, Ia.....	Sept. 8, 1919
HOLDEN, CHARLES A., C.E. Detr., Thayer Sch. of Civ. Eng., Hanover, N. H.....	Oct. 21, 1919
HOLDREDGE, NEIL C. Asst. Chief, North Jersey District Water Supply Commission, P. O. Box 615, Haskell, N. J.	May 26, 1924
HOLLAND, RAY KINGSBURY. Consulting Engineer, 106 E. Liberty St., Ann Arbor, Mich.....	Jan. 17, 1919
HOLLINGSWORTH, R. S. Supt. Water Dept., Asheville, N. C...	Dec. 8, 1923
HOLMAN, E. T. Chief Inspector, Tenn. Inspect. Bur., 1034 Stahlman Bldg., Nashville, Tenn.....	Jan. 7, 1924
HOLMES, A. G. P. O. Box 1200, East Pittsburgh, Pa.....	July 10, 1906
HOLMES, M. G. Supt. Water Works, Mitchell, S. D.....	Aug. 16, 1918
HOLMQUIST, C. A. State Dept. of Health, Albany, N. Y.....	Apr. 27, 1923
HOLWAY, A. S. Holway Eng. Co., Wright Bldg., Tulsa, Okla.	June 9, 1921
HOMMON, HARRY B. San. Engr., U. S. P. H. S., 76 New Montgomery St., San Francisco, Cal.....	July 27, 1921
HONNESS, GEORGE GILL. Grand Gorge, N. Y.....	Apr. 4, 1924



HOOPER, THOMAS H. Supt. Water Works, Winnipeg, Manitoba, Canada.....	Mar. 5, 1924
HOOPES, EDGAR M., JR. Water Comnr., Box 895, Wilmington, Del.....	Apr. 10, 1923
HOOVER, CHARLES P. Chemist, Filtration Plant, Columbus, Ohio.....	May 14, 1913
HOOVER, CLARENCE B. Supt. Wtr. & Swge. Disp., 6th and Broad Sts., Columbus, Ohio.....	Apr. 18, 1923
HOPKINS, CHARLES COMSTOCK. Hydraulic and Sanitary Engr., 349 Cutler Building, Rochester, N. Y.....	June 10, 1911
HOPKINS, EDWARD S. Montebello Filters, Hillen Road, Baltimore, Md.....	June 13, 1921
HOPKINS, FRANKLYN C. Prest. Consol. Water Co., 712 Washington St., Utica, N. Y.....	June 16, 1919
HOPKINS, NEWTON F. Civil Engineer, 801 Home Trust Bldg., Pittsburgh, Pa.....	July 18, 1907
HOPPER, WALTER C. Supt. Acquackanonk Water Co., 145 Prospect St., Passaic, N. J.....	June 10, 1911
HORN, J. F. Prest. Water Co., Vandergrift, Pa.....	Oct. 10, 1919
HORNE, ALFRED DEWEY. Supt. Water and Lt. Comn., Fairmont, Minn.....	Nov. 12, 1920
HORNER, CHARLES M. Supt. Water Works Co., 1705 State St., East St. Louis, Ill.....	June 24, 1903
HORRIGAN, WILLIAM J. Consulting Engineer, Realty Bldg., Louisville, Ky.....	July 26, 1921
HORTON, ROBERT E., H.E. R. D. 1, Voorheesville, N. Y.....	Jan. 20, 1911
HORTON, THEODORE. Chf. San. Engr. Dept. of State Engineering, 346 State St., Albany, N. Y.....	July 18, 1907
HOUGH, LAURENCE C. Dist. Mgr. Pitometer Co., 55 Bourne St., Jamaica Plain, Mass.....	Jan. 17, 1919
HOUSTON, L. J., JR. City Mgr., Fredericksburg, Va.....	Feb. 17, 1919
HOWARD, CHARLES D. Chemist, State Bd. of Hlth., Concord, N. H.....	Feb. 18, 1921
HOWARD, JOHN L. Ashburton Place, Boston, Mass.....	May 31, 1924
HOWARD, N. J. Bact. in Chge., Filtn. Plant Labty., Centre Island, Toronto, Ont.....	June 21, 1920
HOWE, M. J. Supt., Bd. Water Comnrs., Lake City, Minn...	Feb. 11, 1922
HOWELL, DAVID J., C.E. Union Trust Building, Washington, D. C.....	Oct. 10, 1914
HOWELL, FRED B. Bd. of Wtr. Comnrs., Medina, N. Y.....	July 20, 1920
HOWES, D. W. C.E., 3100 Stuart Ave., Richmond, Va.....	May 25, 1922
HOWLAND, E. ROBERT, R.E. c/o The British Pitometer Co., 39 Victoria St., London, S. W. I., England.....	Apr. 22, 1914
HOWLAND, J. HASTINGS. Engineer, National Board of Fire Underwriters, 76 William St., New York, N. Y.....	May 15, 1924
HOWSON, LOUIS R. Alvord, Burdick & Howson, 130 Eighth Ave., LaGrange, Ill.....	Apr. 24, 1916
HOY, JOSEPH A. Asst. Geul. Foreman, Water Dept., 18 East Worcester St., Worcester, Mass.....	May 15, 1922
HUBBELL, CLARENCE W. Cons. Engr, 2348 Penobscot Building, Detroit, Mich.....	June 24, 1903
HUDSON, JOHN. Compania Aguas Corrientes, San Nicolas, F.C.C.A., A.R.....	Aug. 19, 1924
HUDSON, LEO. Cons. Engr., 705 Fifth Ave., Arcade Bldg., Pittsburgh, Pa.....	July 7, 1913
HUGGANS, R. D. Mgr. Water Works, Streator, Ill.....	Apr. 19, 1915
HUNT, WM. G. Pump House Residence, R. R. No. 4, Peterborough, Ont., Can.....	Apr. 29, 1924
HUNTER, CHARLES A., Asst. Dctr. State Hlth. Labty., Vermilion, S. Dak.....	July 18, 1923

HUNTER, GEORGE A. 512 16th Street, Oakland, Calif.....	Aug. 28, 1922
HUNTER, HENRY G. 598 Union Ave., Montreal, Canada.....	June 10, 1911
HUNTER, T. B. Consulting Engineer, 505 Rialto Building, San Francisco, Cal.....	July 10, 1906
HUNTER, W. B. Div. Engr., Board of Water Supply N. Y. C., Prattsville, N. Y.....	Mar. 12, 1924
HUNTER, W. W. Supt., Canal & Water Works, Augusta, Ga..	May 24, 1922
HURD, CHARLES H. 1405 Merchants Bank Bldg., Indianapolis, Ind.....	Aug. 11, 1914
HURLBUT, WILLIAM W. 207 South Broadway, Los Angeles, Calif.....	May 28, 1924
HURTGEN, P. J. Dctr. Pub. Wks., City Hall., Kenosha, Wis.	May 21, 1923
HUTCHINS, WILL A. Secty. and Supt. Water Co., 196 Van Buren St., Freeport, Ill.....	Nov. 30, 1920
HUTCHINSON, ALEXANDER, C.E. Dctr. Drummond, McCall and Co., P. O. Box 660, Montreal, P. Q.....	May 5, 1921
HUTSON, A. CARY. 76 William St., New York, N.Y.....	Apr. 29, 1924
HUTTON, HAROLD S. San. Engr., Rm. 341 Oliver Bldg., Pittsburgh, Pa.....	Apr. 1, 1920
HUY, HARRY F. Genl. Mgr., Western New York Water Co., 704 Electric Building, Buffalo, N. Y.....	Apr. 13, 1916
HYDE, CHARLES GILMAN. Cons. Hyd. and San. Engr., Prof. San. Eng., Univ. of Cal., Berkeley, Cal.....	July 18, 1907
HYMAN, H. H. Mgr. Miami-Water Co., Miami, Fla.....	Apr. 16, 1916
INMAN, C. E. Comnr. and Supt. Water Works, Warren, O.....	May 24, 1921
INOUE, S. 290 Harajiku, Tokyo, Japan.....	July 18, 1907
ISAAC, F. N. Sec. and G. M., The Hanford Water Co., Hanford, Cal.....	May 12, 1908
IWASAKI, TOMI. Water Wks. Dept., Suido Kakuchō, Tokyo-Shiyakusho, Japan.....	Jan. 9, 1923
JACKSON, C. B. Supt. City Water Corp., Fresno, Cal.....	Aug. 18, 1920
JACKSON, DANIEL D. San. Expt., Havemeyer Hall, Columbia University, New York, N. Y.....	Jan. 31, 1910
JACKSON, H. W. Supt. Water Works, 912 Arctic St., Antigo, Wis.....	Aug. 7, 1924
JACKSON, JOHN F. Supt. Water Works Dept., 115 W. Fourth St., Rochester, Mich.....	May 23, 1923
JACOBS, JOSEPH. Cons. C. E., 613-616 Thomson Bldg., Seattle, Wash.....	July 30, 1920
JACOBS, S. WILLARD. Chem. Engr., 9 East 41st St., New York, N. Y.....	Feb. 5, 1919
JACOBSEN, ROBERT T. City Engr., Fargo, N. D.....	Apr. 16, 1914
JAEGER, C. P. Commissioner, Water Dept., City Hall, Cleveland, Ohio.....	June 11, 1924
JANZIG, ALEXANDER C. Wtr. Bact. & Chst. Filtn. Plant, 904 20th Ave., S. E., Minneapolis, Minn.....	Oct. 11, 1921
JARVIS, CAPT. ALEXANDER CHARLES. Osterbrogade 40, Copenhagen, Denmark.....	May 5, 1914
JENKINS, DAVID. c/o The New Jersey Zinc Co., Franklin, N. Y.....	Oct. 14, 1922
JENKINS, W. H. M. Superintendent of Water Works, Franklinton, N. C.....	Dec. 8, 1923
JENKS, HARRY N. 2020 X St., Sacramento, Calif.....	Jan. 26, 1917
JENNE, LYLE L. Sanitary Engr., Bureau of Water, 795 City Hall, Philadelphia, Pa.....	June 30, 1921
JENNINGS, CHARLES A. 1339 Monadnock Bldg., Chicago, Ill.	May 12, 1908
JENSEN, J. ARTHUR. Supervisor Water Works Dept., Minneapolis, Minn.....	Apr. 15, 1910

JENSEN, J. CHRIS. Municipal Water Works, Council Bluffs, Ia.	June 3, 1912
JEUP, B. J. T. Chf. Engr., Ind. Water Co., 113 Monument Circle, Indianapolis, Ind.	Feb. 22, 1920
JEWELL, ALBERT H. Executive Sect., Health Conservation Assoc., 405 Hall Bldg., 9th & Walnut Sts., Kansas City, Mo.	Apr. 15, 1921
JOHNS, HERBERT M. Supt., Hanford Water Co., Hanford, Cal.	Oct. 17, 1920
JOHNSON, EDGAR W. Asst. Engr., Water Dept., 3821 Elliot Ave., Minneapolis, Minn.	July 13, 1917
JOHNSON, GEORGE A. Cons. Engr., 150 Nassau St., New York, N. Y.	July 18, 1907
JOHNSON, H. E. Supt. Public Utility Plant, Winona, Miss.	Dec. 22, 1912
JOHNSON, R. F. 217 Hanchett St., Saginaw, Mich.	May 23, 1923
JOHNSON, SAMUEL C. Room 204, Union Station, Little Rock, Ark.	Apr. 9, 1923
JOHNSON, W. SCOTT. Division of Sanitary Engineering, State Board of Health, Jefferson City, Mo.	Feb. 16, 1924
JOHNSTON, WILLIAM J. Supt. Water Works, Marquette, Mich.	Mar. 10, 1917
JOHNSTONE, ALAN M. E. C.E. San. and Hyd. Engr., 2124 Ellis Ave., New York, N. Y.	June 16, 1919
JONES, A. J. Prest. New Brunswick Trust Co., New Brunswick, N. J.	Apr. 16, 1884
JONES, ALLEN A. Res. Engr. Fuller & McClintock, c/o City Water Dept., Fairmont, W. Va.	Feb. 23, 1924
JONES, FRANK WOODBURY. Sanitary Chemist, 14214 Miles Ave., Cleveland, Ohio.	May 23, 1923
JONES, H. SEAVER. V. Prest., East Jersey Pipe Co., 7 Dey St., New York, N. Y.	July 16, 1922
JONES, HARVEY P. Mgr. Toledo Office, Fuller & McClintock, 319 Summit-Cherry Bldg., Toledo, O.	July 30, 1922
JONES, HIRAM F. Supt. Pumping & Filtration, Elmira Water Board, Elmira, N. Y.	July 18, 1907
JONES, J. M. Bristol and Warren Water Works, Bristol, R. I.	May 9, 1916
JONES, W. G. Box 1114, Raleigh, N. C.	Oct. 18, 1923
JONES, W. T. Superintendent Water & Light Department, Lexington, N. C.	Dec. 11, 1922
JONES, WILLIAM ALLEN. 230 Belmont Ave., Detroit, Mich.	Nov. 8, 1920
JONES, WILLIAM CLAYTON. 426 Market St., Camden, N. J.	May 14, 1914
JONES, WILLIAM NELSON. C.E., 806½ Florabraska Ave., Tampa, Fla.	Apr. 14, 1914
JORDAN, FRANK C. Secy. Indianapolis Water Co., 113 Monument Circle, Indianapolis, Ind.	June 10, 1911
JORDAN, HARRY E. San. Engr., Water Co., 113 Monument Circle, Indianapolis, Ind.	Oct. 7, 1919
JUDSON, JOHN W. Chf. Acct. Dpt. Sts. and Pub. Impvts., Newark, N. J.	June 12, 1920
JUTZ, CHARLES E. Treas. W. St. L. Water and Lt. Co., 6600 Delmar, St. Louis, Mo.	Apr. 12, 1920
KABLE, EDGAR P. Genl. Mgr. York Water Co., 42 East Market St., York, Pa.	Nov. 10, 1917
KAPPLER, WILLIAM F. Prin. Asst. Engr., Dvn. of Wtr., Newark, N. J.	Dec. 23, 1921
KASTBERG, KARL C. City Engineer, Box 923, Des Moines, Ia.	June 7, 1904
KAY, EDGAR B. Chf. Hyd. & San Branch., Q. M. C., 1400 Fairmont St., N. W., Washington, D. C.	Apr. 27, 1910
KAYANOKI, HIROYUKI. City Planning Bureau, Dept. of Home Affairs, Tokio, Japan	June 30, 1923

KEATING, CHARLES STANLEY. Asst. Engr., Bureau of Water, Syracuse, N. Y.....	May 16, 1919
KEEFER, CLARENCE EDWARD. Asst. Dsng. Engr., Sewer Dvn., City Hall Annex No. 1, Baltimore, Md.....	Feb. 23, 1920
KEILS, ANTHONY. Supt., Mt. Clemens Water Works, 38 Moross Ave., Mt. Clemens, Mich.....	June 8, 1909
KEITH, J. CLARK. Chf. Engr., Essex Border Util. Comn., 302 Ouellette Ave., Windsor, Ont.....	Mar. 21, 1923
KELIHER, TIMOTHY. Supt. Williamsport Water Co., Williamsport, Pa.....	Feb. 15, 1917
KELLEY, C. H. Supt. Wichita Water Co., 301 No. Main St., Wichita, Kans.....	July 5, 1924
KELLNER, HUGH. Chf. Engr. City Water Works, 74 Moy Ave., Windsor, Ont.....	Feb. 28, 1923
KELLOGG, JAMES WILFORD. Bct. and Chst., State Lab. of Hyg., Raleigh, N. C.....	June 10, 1921
KELLY, ROBERT D. Engr., N. Y. Fire Ins. Rtg. Orgzn., 700 Gurney Bldg., Syracuse, N. Y.....	June 8, 1921
KELSEY, J. W. Genl. Supt. Bureau of Water, St. Paul, Minn.	May 13, 1913
KEMBLE, F. T. Secty. New Rochelle Water Co., 233 Main St., New Rochelle, N. Y.....	June 24, 1915
KEMPKEY, AUGUSTUS. Cons. Engr., 416 Hobart Bldg., San Francisco, Cal.....	June 10, 1923
KENDALL, THEODORE REED. Eng., Editor, <i>The American City</i> , 303 So. Broadway, South Nyack, N. Y.....	Mar. 13, 1919
KEOGH, WM. J. Asst. Engr. Dept. of Water, 9350-269th St., Queens, N. Y.....	June 13, 1922
KERN, PETER. Mgr. Water Dept., Fort Madison, Ia.....	Aug. 31, 1917
KIEF, ROBERT F. Civil Engineer, 7512 Seventh Ave., Brooklyn, N. Y.....	Apr. 4, 1924
KIENLE, JOHN A. San. Engr., 25 W. 43rd St., New York, N. Y.	June 8, 1909
KILLAM, SAMUEL E. Supt. Distbn. Setn. Wtr. Divn., 1 Ashburton Place, Boston, Mass.....	Nov. 25, 1915
KIMBALL, FRANK C. 2 DeBarry Place, Summit, N. J.....	June 11, 1902
KIMBERLEY, A. ELLIOT. San. Engr., 8 East Long St., Columbus, Ohio.....	May 23, 1923
KING, ARNOTT CHISWELL. 145 Hamilton Ave., Paterson, N. J.	Apr. 20, 1921
KING, KENNETH K. 206 Walsix Bldg., Kansas City, Mo.....	Dec. 12, 1923
KINGMAN, HORACE. Comr. and Supt., City Hall, Brockton, Mass.....	Mar. 17, 1916
KINGSLEY, JOHN F. Supt. Water Works, Covington, Ky.....	June 9, 1920
KINTER, S. G. Supt., Wtr. Co., Jersey Shore, Pa.....	May 24, 1922
KIRCHOFFER, WILLIAM GRAY. San. & Hyd. Engr., 22 N. Carroll St., Madison, Wis.....	Jan. 31, 1923
KIRK, CLARENCE L. Prest. Indianapolis Water Co., 113 Monument Place, Indianapolis, Ind.....	June 8, 1907
KIRKPATRICK, WALTER G. Cons. Hyd. Engr., University, Miss.....	Apr. 27, 1910
KITCHEN, H. B. Mgr. Watsonville City Wtr. Wks., 31 E. 3rd St., Watsonville, Calif.....	Feb. 16, 1924
KIVELL, WAYNE A. Sanitary Engineer, The Dorr Co., 247 Park Ave., New York, N. Y.....	May 28, 1924
KLAPP, CARL F. Supt. Water Works, Everett, Wash.....	Oct. 7, 1917
KLARE, R. W. Mgr., Wabash Water and Light Co., Wabash, Ind.....	June 24, 1915
KLAUS, FRED J. Asst. Engr., East Bay Water Co., 2414 Dana St., Berkeley, Cal.....	Oct. 2, 1915
KLEIN, FEDERICO. Cia Alumbrado Electrico, San Salvador, C. A.....	Apr. 2, 1918

KLEIN, WILLIAM I. Cons. Engr., 21 Maple Terrace, East Orange, N. J.	July 1, 1913
KNEEN, A. H. Fox Bldg., 1612 Market St., Philadelphia, Pa.	Jan. 8, 1911
KNERR, C. B. Supt. Wtr. Wks., 37 East Broad St., Bethlehem, Pa.	May 23, 1923
KNICKERBACKER, JOHN, C.E. Prest. Eddy Valve Co., 86 First St., Troy, N. Y.	June 24, 1913
KNOUSE, HOMER V. Asst. Supt. and Purch. Agt., Met. Water Dist., 200 City Hall, Omaha, Neb.	Sept. 21, 1918
KNOWLES, CLARENCE R. Supt. Water Service, I. C. R. R., 6627 Woodlawn Ave., Chicago, Ill.	June 4, 1913
KNOWLES, MORRIS. Cons. Engr., 507 Westinghouse Bldg., Pittsburgh, Pa.	July 18, 1907
KNOX, STUART K. 10 Granada Place, Montclair, N. J.	June 8, 1909
KOHOUT, FREDERICK E. Supt., Short Hills Water Co., P. O. Box 291, Short Hills, N. J.	Aug. 1, 1923
KOON, RAY EMERSON. Stevens & Koon, Cons. Engrs., Spalding Bldg., Portland, Ore.	Feb. 11, 1922
KRIEGSHEIM, HEINRICH. c/o The Permutit Co., 440 Fourth Ave., New York, N. Y.	May 11, 1915
KUESTER, JOHN H. Supt. Wtr. Wks., 370 Naymut St., Menasha, Wis.	June 30, 1923
KUNIAK, W. A. Supt. & Engr., Water Works, 3201 North 20th St., Tacoma, Wash.	Aug. 27, 1924
KUNKLE, CHARLES W. Supt. Johnstown Water Co., 229 Mifflin St., Johnstown, Pa.	June 11, 1924
KUNZELMAN, HENRY P. 14317 Bayes Ave., Lakewood, Ohio.	Apr. 23, 1924
LAASE, WILLIAM F. 215 Myrtle Ave., Flushing, N. Y.	May 28, 1924
LABOON, JOHN F. Cons. Engr., 826 Bayridge Ave., Pittsburgh, Pa.	May 23, 1923
LACOUNT, H. O. Mgr., Inspn. Dept. Factory Mutual Ins. Co., 124 College Ave., West Somerville, Mass.	May 12, 1908
LAFLIN, ALBERT A. Supt. Water Works, St. Stephen, N. B.	June 10, 1920
LAFRENIERE, THEO. J. San. Engr., Board of Health of P. Q., 59 Notre Dame East, Montreal, Canada.	June 24, 1916
LAMB, JAMES E. C. P. A., 301 Chestnut St., Harrisburg, Pa.	June 9, 1923
LAMBERT, URBAN S. President, Alexandria Water Co., Alexandria, Va.	Dec. 20, 1923
LAMEY, FRANK T. Supt. New Chester Water Co., 422 East 20th St., Chester, Pa.	May 11, 1921
LANDMAN, L. B. Supt. Capital City Water Co., Jefferson City, Mo.	Sept. 2, 1914
LANGLIER, WILFRED F. Assoc. Prof. San. Eng., Univ. of California, Berkeley, Cal.	Feb. 28, 1923
LANPHER, E. E. Division Supt., Bureau of Water, 412 City County Bldg., Pittsburgh, Pa.	Apr. 8, 1922
LARGE, H. LEE. Supt., Dept. of Health, Rocky Mount, N. C.	May 28, 1924
LARMON, FRANK P. Chf. Engr., Met. Water Dist., Omaha, Neb.	Apr. 17, 1914
LASSITER, A. D. Supt. Pub. Wks. & City Engr., Windsor, N. C.	May 17, 1923
LIASSO, ALFREDO F. Ing. Civ., Obras Sanitarias de la Nacion, Buenos Aires, R. Argentina.	Sept. 26, 1917
LAURIE, EDWARD. Cons. Engr., 243 Bleury St., Montreal, P. Q.	June 21, 1920
LAUTER, CARL J. Chief Chemist, Washington Filtration Plant, McMillan Park, Washington, D. C.	Apr. 13, 1922
LAUTZ, W. E. Secty. and Mgr., Pekin Water Works, Pekin, Ill.	Nov. 14, 1915



LAWLOR, FRANCIS D. H. Superintendent Citizens Water Co., Burlington, Iowa.....	July 10, 1906
LAWRENCE, E. A. Cons. Civ. and Munic. Engr., 511-12 Hartman Bldg., Columbus, Ohio.....	Apr. 6, 1921
LAWRENCE, FREDERICK H. Filtration Engineer, 145 W. Sharpnack St., Germantown, Philadelphia, Pa.....	Mar. 5, 1924
LAWRENCE, W. H. Supt. Water Works, Box 362, Kalispell, Mont.....	Dec. 16, 1919
LAWSON F. W. Secty. Metropolitan Wtr. Supply Dept., 56 James St., Perth, West Australia.....	June 6, 1923
LAWTON, RALPH W. 137 North Van Ness Ave., Los Angeles, Cal.	July 10, 1906
LEA, WILLIAM S. Consulting Engineer, 340 University St., Montreal, Canada.....	Jan. 26, 1924
LEACH, J. J. Pres. & Gen. Mgr., Badger Meter Mfg. Co., 841-30th St., Milwaukee, Wis.....	Aug. 14, 1923
LEARNED, ALBERT P. Asst. Engr., with Black & Veatch, 701 Mutual Bldg., Kansas City, Mo.....	May 15, 1922
LEDDEN, ERNEST M. 404 Fourth Ave., New York, N. Y.....	Apr. 5, 1912
LEDoux, J. W. Cons. Engr., 112 N. Broad St., Philadelphia, Pa.....	July 18, 1907
LEE, CHARLES H. Cons. Hyd. Engr., 58 Sutter St., San Francisco, Cal.....	Mar. 21, 1912
LEET, J. N. Supt. Water Dept., North East, Pa.....	May 4, 1911
LEISEN, THEODORE A. Gen. Mgr. Metropolitan Utilities Dist., 18th & Farnam Sts., Omaha, Nebr.....	June 7, 1904
LENDALL, HARRY N. Engineering Dept., Rutgers College, New Brunswick, N. J.....	Mar. 6, 1923
LENHARDT, LAURENCE G. City Engr., Pontiac, Mich.....	June 10, 1920
LEONARD, W. D. Mgr., Water, Lt. & Gas Plant, 101 N. Main St., Ft. Atkinson, Wis.....	July 21, 1922
LEOPOLD, F. B. 407 House Bldg., Pittsburgh, Pa.....	May 11, 1914
LESAGE, THOMAS WILLIAM. Engr., Water Works Dept., City Hall, Montreal, Canada.....	Apr. 24, 1916
LESLIE, JAMES. Canada Fire Udtrs. Assn., Coristine Bldg., Montreal, Canada.....	May 5, 1920
LETTON, CAPT. H. P. Grant, Fulton and Letton, Engrs., 505 Bankers Life Bldg., Lincoln, Neb.....	Dec. 23, 1914
LEVERING, GEORGE S. Hydraulic Engr., Bureau of Water, City Hall, Philadelphia, Pa.....	May 24, 1922
LEVINE, DR. MAX. Assoc. Prof. Bactlgy., Iowa State College, Ames, Ia.....	Nov. 30, 1921
LEVY, A. G. Engr. of Design, Div. of Water, 9405 Hough Ave., Cleveland, Ohio.....	May 17, 1910
LEWIS, CHESTER F. Cons. Engr., c/o Spoon & Lewis, Box 990, Greensboro, N. C.....	Apr. 23, 1924
LEWIS, JOHN V. 67 Normandy Ave., Rochester, N. Y.....	Feb. 18, 1921
LIBBY, FRANK D. Chst. Kalamazoo Vegetable Pchmt. Co., Kalamazoo, Mich.....	May 23, 1923
LIGHTFOOT, J. C., JR. N. J. Water Service Co., 1307 Real Estate Trust Bldg., Philadelphia, Pa.....	May 11, 1914
LINES, WALTER H. Salesman, General Chemical Co., 515 Union Trust Bldg., Pittsburgh, Pa.....	July 31, 1924
LIRA, LEONARDO. Chf. Engr. of Inspt. Water Works, Casilla 492, Santiago, Chile.....	Sept. 9, 1919
LITCH, M. B. Chst. in chge. of Filters, 631 Pine St., Steelton, Pa.....	May 1, 1922
LITTLE, BEEKMAN C. Supt. Water Works, 43 City Hall, Rochester, N. Y.....	June 24, 1903
LIVEZEY, W. B. Prest., Newport News Lt. and Water Co., Newport News, Va.....	May 10, 1915

LOCHRIDGE, ELBERT E. Engineer Water Dept., P. O. Box 1238, Springfield, Mass.	July 10, 1906
LOCKWOOD, WILBUR, D. C.E., 903 Second St., Peekskill, Peekskill, N. Y.	Mar. 19, 1924
LOFTON, H. M. Chattanooga, Tenn.	May 25, 1895
LOGAN, C. G. Supt. Waterworks, Waynesville, N. C.	Dec. 8, 1923
LONEY, N. M. 51 Wall St., New York, N. Y.	Mar. 31, 1924
LONG, GEORGE J. Prest., Inter-State Water Co., P. O. Box 2360, Louisville, Ky.	May 24, 1915
LONG, JAMES H. Chief Engr., City Hall, Camden, N. J.	May 13, 1919
LONGLAND, E. L. Supt., Municipal Water District, San Rafael, Calif.	Apr. 10, 1924
LONGLEY, FRANCIS F. c/o Mr. J. E. Longley, Lock Joint Pipe Co., Ampere, N. J.	July 18, 1907
LOOMIS, E. L. Supt., Valparaiso Home Water Co., Valparaiso, Ind.	July 10, 1906
LORD, CHARLES H. Supt. Water Works, Ogdensburg, N. Y.	Aug. 10, 1918
LORD, FRANKLIN B., JR. Queens County Water Co., Cedarhurst, L. I., N. Y.	Jan. 9, 1911
LOTT, ERSKINE H. V. P. & Gnl. Mgr., Flatbush Water Works Co., 785 Flatbush Ave., Brooklyn, N. Y.	May 26, 1916
LOUNSBURY, WM. C. Genl. Mgr., Superior Water, Lt. and Power Co., Superior, Wis.	May 12, 1908
LOURIE, G. E. Water Works Supt., P. O. Box 388, Bristol, Conn.	Sept. 20, 1923
LOVEJOY, WM. H. Supt. Filtration, Louisville Water Co., Louisville, Ky.	June 4, 1908
LOVELL, A. P. Gen. Formn., San Diego Wtr. Dept., 2516 San Marcos Ave., San Diego, Calif.	Nov. 8, 1923
LOWTHER, BURTON. Chf. Engr. & Gen. Supt. Wtr. Wks. 1509 Cleveland Place, Denver, Colo.	June 21, 1921
LUCAS, HUGH L. Supt., Water Pipe Extension, 404 City Hall, Chicago, Ill.	Mar. 25, 1910
LUCE, ARTHUR T. General Mgr. Waterworks, Dept., Marshalltown, Iowa.	Apr. 10, 1919
LUCE, FRANCIS H. Supt. Woodhaven Water Supply Co., Woodhaven, N. Y.	May 12, 1914
LUDLOW, J. L. Con. Engr., Winston-Salem, N. C.	June 7, 1904
LUIPPOLD, G. T. c/o Wallace & Tiernan Co., 57 Post St., San Francisco, Calif.	Feb. 16, 1924
LUNDBERG, ERIC. Water Works Supt., Galva, Ill.	Sept. 25, 1923
LUSCOMBE, WILLIAM. Vice Prest. Gary Heat, Light and Water Co., Gary, Indiana.	May 12, 1908
LUTHY, FRED. Chf. Engr. Water Dept., Orange, N. J.	June 8, 1921
LYKKEN, H. G. Chf. Engr., Chas. L. Pillsbury Co., 1200 2nd Ave., South, Minneapolis, Minn.	May 27, 1922
LYNN, A. B. V.P. & Mgr., South Pittsburgh Water Co., 238 Brownsville Rd., Pittsburgh, Pa.	Mar. 19, 1924
LYON, A. S. Supt. of Public Works, Rocky Mount, N. C.	Dec. 8, 1923
LYON, MARTIN. Supt. Wtr. Wks., Clintonville, Wis.	June 30, 1923
LYONS, B. F. V. Prest. and Genl. Mgr., Beloit Water, Gas and Elec. Co., Beloit, Wis.	May 12, 1908
MCADAMS, W. A. Supt. Water & Light Dept., Farmville, N. C.	Dec. 8, 1923
MCALARY, ALLAN. Supt. & Treasr., Camden & Rockland Water Co., Box 151, Rockland, Me.	Apr. 18, 1922
MCALPINE, A. H. Genl. Western Agt., Hersey Mfg. Co., 211 Schultz Bldg., Columbus, Ohio.	Apr. 27, 1889
MCAMIS, JAMES W. Supt., Water Works, Greeneville, Tenn.	Sept. 12, 1921

McBURNETT, B. B. Water Superintendent, City Hall, Chickasha, Okla.....	Feb. 2, 1924
McCaffrey, Wm. A. Supt. Water Works, 191 E. 6th St., Oswego, N. Y.....	June 21, 1920
McCaleb, Wm. B. Gnl. Supt. Wtr. Cos. Pa. R. R., Rm. 922, Coml. Trst. Bldg., Philadelphia, Pa.....	Sept. 30, 1919
McCall, Malcolm J. Gen. Engr. & Accountant, Vice-President's Office, Kansas City Power & Light Co., Kansas City, Mo.....	June 28, 1924
McCarthy, William. Superintendent Water Works, Bluefield, W. Va.....	May 12, 1908
McCaughern, J. C. Secretary, Bd. Fire Underwtrs. of the Pacific, 914 Merchants Exchange Bldg., San Francisco, Calif.....	May 29, 1924
McClaskey, George G. Cons. Engr., 501 Renkert Bldg., Canton, O.....	June 9, 1921
McClellan, Thomas D. United Piece Dye Works, Lodi, Bergen Co., N. J.....	Aug. 28, 1924
McClenahan, W. T. 6218 University Ave., Chicago, Ill.....	Apr. 7, 1914
McClintock, James R. 600 Walnut St., Kansas City, Mo.....	Jan. 12, 1914
McConnell, Earle G. Supt. Filtration, Charlotte Water Works, Charlotte, N. C.....	June 1, 1923
McCrady, MacHarvey. Chmst. and Bact., Bd of Hlth. of P. Q., 59 Notre Dame East, Montreal, Canada.....	Apr. 7, 1916
McCruden, D. A. Asst. to Chief, Bur. of Wtr., 796 City Hall, Philadelphia, Pa.....	July 7, 1920
McCulloh, E. Engr., Chas. L. Pillsbury Co., 1200 2nd Ave., South Minneapolis, Minn.....	May 27, 1922
McDonald, Alex P. Supt., Water & Light Dept., Hibbing, Minn.....	May 28, 1924
McDonald, John H. Prest. Bd. Water Comnrs., 604 Asbury Ave., St. Paul, Minn.....	June 19, 1920
McDonnell, Robert E. 402 Interstate Building, Kansas City, Mo.....	May 25, 1913
McElroy, Frank M. Supt. Water Dept., City Hall, Racine, Wis.....	May 23, 1921
McEvoy, Edward F. 61 Winfield Ave., Jersey City, N. J.....	May 28, 1924
McFarland, Charles Taylor, M.E. McFarland Engineering Co., 307 Mutual Bldg., Kansas City, Mo.....	Jan. 16, 1923
McFarland, Chester R. Secty. and Genl. Mgr., Tampa Water Works Co., Tampa, Fla.....	May 12, 1908
McFaul, W. L. Mgr. Water Dept. & City Engr., City Hall, Hamilton, Ont., Canada.....	Mar. 8, 1924
McGeehin, D. J. Supt. Wyo. Valley Water Supply Co., Markle Bank Bldg., Hazleton, Pa.....	June 11, 1916
McGonigale, Wm. J. P. O. Box 2360, Louisville, Ky.....	Apr. 5, 1912
McGlothlen, E. B. Supt. of Water Works, Jefferson, Iowa..	Nov. 8, 1923
McGrath, F. R. Supt., Water Works, City Hall, Chambersburg, Pa.....	May 12, 1914
McInnes, F. A. Cons. Engr., 236 Bay State Road, Boston, Mass.....	May 12, 1914
McIntosh, William. Gerencia, Cia Mexicana de Petro. 'El Aguila,' Apartado 150, Tampico, Tamps, Mexico...	Feb. 26, 1913
McKaughan, O. M. Supt. Water Dept., Wake Forest, N. C.	Dec. 8, 1923
McKay, John William. Boro. Engr. Mntn. Dpt. W. S. G. and E., 170 College Ave., Boro. Rehmd., New York.	Feb. 19, 1920
McKeown, Edward. Supt. Water Works, Sherbrooke, P. Q..	June 21, 1920
McLeod, J. A. Asst. Chf. Insp., Bureau of Engineering, State Board of Health, Raleigh, N. C.....	Apr. 23, 1924
McQueen, Leo E. Supt. Bd. Pub. Wks., Coldwater, Mich....	Apr. 13, 1923

McRAE, JOHN B. Cons. Engr., Jackson Building, Ottawa, Canada.....	May 9, 1906
McRAE, W. PERCY. c/o General Supply Co., 358-360 Sparks St., Ottawa, Canada.....	Jan. 30, 1924
McREYNOLDS, B. B. Supt. Water Wks., City Hall, Colorado Springs, Col.....	May 25, 1914
McROBERTS, LOUIS H. Graduate Student, Department of Sanitary Chemistry, University of Illinois, Urbana, Ill.	July 31, 1924
McWILLIAMS, D. E. Prest., Bear Gap Wtr. Co., Mgr. Roaring Creek Wtr. Co., Box 17, Shamokin, Pa.....	Mar. 16, 1922
MacDONALD, EMMETT. Mgr. Lincoln Water and Light Co., Lincoln, Ill.....	June 7, 1904
MacDONALD, W. E. City Water Works Engineer, 21 Fourth Ave., Ottawa, Canada.....	May 8, 1917
MacKENZIE, S. H. Engr. and Supt. Terryville and Southington Water Works, Southington, Conn.....	Apr. 14, 1916
MackSEY, HENRY V. Supt. Public Works, 68 Pleasant St., Framingham, Mass.....	May 28, 1924
MacQUEEN, PHILIP O. 1657 31st., N. W., Washington, D. C....	May 28, 1924
MADDOCK, R. A. Chst. & Bact., P. O. Box 214, Oshkosh, Wis.	May 26, 1920
MAFFITT, DALE L. Chemist, Des Moines Municipal Water Plant, Des Moines, Ia.....	Apr. 2, 1918
MAFFITT, M'KEAN. Supt. Water & City Eng., Wilmington, N. C.....	Dec. 11, 1922
MAGESTADT, PAUL E. Desg. Engr., East Bay Water Co., 512 16th St., Oakland, Calif.....	June 23, 1922
MAHLIE, WINFIELD S. Chst. in Chge. Filtn. Plant, Fort Worth, Texas.....	Feb. 28, 1923
MAHONEY, ARTHUR SAWYER. City Engr., 94 Washington Ave. Clifton, N. J.....	July 18, 1923
MAHONEY, THOMAS H. Supt. Water Works, 245 Broadway, Methuen, Mass.....	May 28, 1924
MAILLARD, ALBERT L. 206 Walsix Bldg., 600 Walnut St., Kansas City, Mo.....	Feb. 2, 1924
MAIN, GEO. A., M.E. Cons. Engr., 14 Baker St., Daytona, Fla.....	Apr. 27, 1910
MAITLAND, ALEXANDER. Cons. Engr., 1012 Baltimore Ave., Kansas City, Mo.....	May 16, 1923
MAJESKE, JOSEPH F. Paymaster, Bd. Wtr. Comnrs., Detroit, Mich.....	Apr. 23, 1921
MALLALIEU, WILLARD C. Civil and Sanitary Engr., Box 43, Middlebush, N. J.....	Dec. 4, 1914
MALONEY, THOMAS. Trustee Municipal Water Works, Council Bluffs, Ia.....	June 8, 1919
MANAHAN, ELMER G., C.E. c/o Fuller & McClintock, Cons. Engrs., Room 1512, 170 Broadway, New York, N. Y....	June 8, 1909
MANAHAN, PATRICK. Supt. Water Works, Briarcliff Manor, N. Y.....	May 27, 1924
MANGUN, L. B. Chst. in Chge. of Water Pftn., Kansas City, Kans.....	Feb. 23, 1920
MANSFIELD, MYRON G. Div. Engr., Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, Pa.....	June 11, 1924
MANTEL, F. A. 1043 Greenlaw Ave., Memphis, Tenn.....	Mar. 5, 1924
MANVILLE, F. D. Supt., Newport News Light and Water Co., Newport News, Va.....	June 18, 1901
MAPES, JOHN B. Constr. Engr., 38 E. Post Rd., White Plains, N. Y.....	Apr. 16, 1923
MARK, COLEMAN B. Dist. Engr. Pa. Dpt. of Hlth., 604 N. 3rd St., Harrisburg, Pa.....	May 3, 1923

MARS, L. DONALD. Asst. San. Engr., U. S. P. H. S., 76 New Montgomery, San Francisco, Cal.....	June 30, 1920
MARSH, FRANCIS B. Designing Engineer, Water Supply Board of Providence, 66 Woodbury St., Providence, R. I.....	May 19, 1924
MARSHALL, CYRIL E. Professional Civil Engineer, 302 Fulton Ave., Hempstead, N. Y.....	Aug. 12, 1924
MARSHALL, J. B. Chf. Engr. Tucker & Laxton, Inc., 900 Realty Bldg., Charlotte, N. C.....	Nov. 8, 1923
MARSHALL, L. A. Asst. Supt. Filtn. and Swg. Displ. Plant, Cleveland, O.....	May 26, 1921
MARSHALL, WM. W. Box 97, Orangeville, Ontario, Canada..	Apr. 5, 1923
MARSTON, FRANK ALWYN. Cons. Engr., Metcalf & Eddy, 14 Beacon St., Boston, Mass.....	Feb. 20, 1922
MARTIN, J. C. Superintendent Water Works, Tarboro, N. C.	Dec. 8, 1923
MARTIN, J. C. Atty. for Ohio Water Works Assn., 414 Gasco Bldg., Columbus, Ohio.....	May 11, 1915
MARTIN, J. T. Comnr. of Water, 1452 W. 98th St., Cleveland, O.....	Aug. 18, 1920
MARTINDALE, R. W. 909 Monadnock Bldg., San Francisco, Calif.....	Nov. 8, 1923
MARTINEZ, CONRADO E. Cons. Engr., 59 Obispo St., Havana, Cuba.....	June 10, 1920
MARTY, S. W. 331 East Doty Ave., Neenah, Wis.....	July 31, 1924
MARVIN, GEORGE. c/o Water and Light Office, Marshfield, Wis.	Sept. 3, 1924
MASON, S. J. Engr. and Supt. Water Works, Perth Amboy, N. J.....	May 7, 1917
MASON, DR. W. P. Prof. Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y.....	May 18, 1892
MASSINK, A. Chst. and Bact., Central Laboratory of Holland, Utrecht, Holland.....	July 20, 1921
MATHER, J. A., M.E. Fuller & McClintock, 879 North Parkway, Memphis, Tenn.....	Apr. 30, 1923
MATHIS, WALTER RYLANDER. Hemphill Station, Atlanta Station, Ga.....	Aug. 28, 1922
MATTE, HUBERT P. T. Coml. Engr., Worthington Pump and Mchy. Cpn., Harrison, N. J.....	July 26, 1913
MATTER, L. D. 396 Winola St., Kingston, Pa.....	May 3, 1923
MATTESON, VICTOR ANDRE. Water Works, Architect, 1402 Hartford Bldg., Chicago, Ill.....	May 19, 1923
MATTHEWS, IRVING E. Engr., Water Works, 43 City Hall, Rochester, N. Y.....	May 25, 1919
MAURICE, GEORGE HOLBROOKE, C.E. Eagle Springs, N. C...	Mar. 11, 1911
MAURY, LT. COL. DABNEY H. 1445-6-7 Monadnock Block, Chicago, Ill.....	Aug. 22, 1894
MAUZY, ANDREW B. Water Conservator, City Hall, Jersey City, N. J.....	Dec. 8, 1922
MAVITY, J. W., C.E. 724 North F St., Wellington, Kans....	May 18, 1915
MAXON, G. T. Supt. Water Board, Cortland, N. Y.....	June 10, 1919
MAXWELL, DONALD H. Prin. Asst. Engr., with Alvord, Burdick & Howson, 1417 Hartford Building, Chicago, Ill.	Feb. 15, 1917
MAYO, WILLIAM B. c/o Ford Motor Co., Detroit, Mich.....	Aug. 16, 1917
MEAD, DANIEL W., C.E. 120 West Gorham St., Madison, Wis.....	Apr. 18, 1889
MEADOWS, JAMES O. San. Engr., 20 Charlevoix St., Montreal, Canada.....	June 21, 1920
MEARS, BRAINERD. Prof. of Chemistry, Williams College, Williamstown, Mass.....	June 24, 1915
MEEKER, GEORGE R. Supt. Water Works, Geneseo, N. Y.....	Apr. 2, 1923
MEERBURG, P. A. Central Laboratories, Sterrebosch 1, Utrecht, Holland.....	Feb. 16, 1924



MEES, ERICH A. Consulting Engineer, Kinney Bldg., Charlotte, N. C.....	May 23, 1923
MEGRAW, WILLIAM A. University Apartments, University Parkway, Baltimore, Md.....	Apr. 24, 1921
MEINECKE, M. Aktiengesellschaft, Breslau-Carlowitz, Germany.....	Sept. 17, 1924
MELLEN, ARTHUR F. Filtration Engineer, In Charge of Water Purification, Minneapolis, Minn.....	Mar. 24, 1915
MELLON, T. A. Pres. Kensington Water Co., 2112 Oliver Bldg., P. O. Box 1114, Pittsburgh, Pa.....	June 24, 1903
MENDELL, JAMES HERBERT. Supt. Water Works, Manchester, N. H.....	June 20, 1920
MENDELSON, ISADOR W. U. S. Public Health Service, 420 Call Bldg., San Francisco, Calif.....	Feb. 9, 1920
MENTZ, HENRY A. Asst. Engr. Munic. Eng. Dept., Magnolia, Miss.....	Oct. 7, 1919
MERCKEL, FREDERICK G. c/o Wallace and Tiernan Co., 180 N. Market St., Chicago, Ill.....	Jan. 29, 1921
MERRILL, GEORGE FIELD, C.E. Supt. Water Works, Ware, Mass.....	Apr. 16, 1920
MERRIMAN, RICHARD M. Chf. Engr. Fuller & Maitland, Engrs. K. C. Wtr. Sply., 600 Walnut St., Kansas City, Mo....	May 17, 1923
MERRIMAN, THADDEUS. Chf. Engr. Bd. Wtr. Sup., 2224 Municipal Bldg., New York, N. Y.....	May 29, 1920
MESSER, RICHARD. Sanitary Engr., State Department of Health, 1110 Capitol St., Richmond, Va.....	Sept. 27, 1911
METCALF, JOHN T. Asst. Engr., in Charge L. I. Watershed, 182 Lefferts Ave., Brooklyn, N. Y.....	June 7, 1916
METCALF, LEONARD. Con. Civil Engr., 14 Beacon St., Boston, Mass.....	June 24, 1903
METERHERM, CHARLES F. Albert F. Ganz, Inc., 511 Fifth Ave., New York, N. Y.....	Jan. 26, 1922
MEYERS, A. H. Supt., Water Co., Columbia, Pa.....	June 14, 1903
MICHAELS, A. P. Gen. Mgr., Orlando Utilities Comn., Orlando, Fla.....	Aug. 15, 1924
MICHIE, JOHN C., C.E. Supt., Water Works Dept., Durham, N. C.....	June 24, 1903
MICKEL, CLARENCE W. Chst. Muscle Shoals, Ala.....	Aug. 8, 1922
MILES, H. D. Treasurer, Consolidated Water Co., Utica, N. Y.....	June 30, 1924
MILHOLLAND, H. CHARLES. Asst. Engr. Am. W. W. & E. Co., 50 Broad St., New York, N. Y.....	Apr. 20, 1923
MILLER, ARTHUR P. 1103-16th Street, N. W., Washington, D. C.....	Sept. 25, 1920
MILLER, CLIFFORD N. Hyd. Engr., 2807 Union Central Bldg., Cincinnati, Ohio.....	May 13, 1915
MILLER, EDWIN E. Asst. Supt. Power Plants, Hackensack Water Co., Weehawken, N. J.....	Mar. 11, 1914
MILLER, H. E. Detr. Bur. San. Eng., State Bd. of Hlth., Raleigh, N. C.....	May 23, 1921
MILLER, J. A. Supt. Water Works, 10 West Third St., Alton, Ill.....	May 8, 1909
MILLER, J. R. 615 So. English Ave., Springfield, Ill.....	Oct. 10, 1919
MILLER, MAURICE L. Cons. Hyd. & San. Engr. 203 Boston Bldg., Denver, Colorado.....	Dec. 26, 1922
MILLER, MELVILLE W. Supt. Wtr. Wks. Lafayette, Ind....	May 21, 1923
MILLER, WALTER EDWARD. 1719 Madison St., Madison, Wis.	Nov. 17, 1911
MILLER, WARREN C. City Engr., City Hall, St. Thomas, Ont.	Feb. 28, 1923
MILNE, ALEXANDER. Supt. Water Works, St. Catharines, Ontario, Can.....	June 24, 1903

MILO, FRED D. Supt., Welland Water Works, Welland, Ont., Canada.....	Mar. 8, 1924
MINOR, EDWARD EASTMAN. Gen. Mgr. New Haven Water Co., New Haven, Conn.....	May 20, 1912
MINOR, L. O. Supt., Water Works, Plattsmouth, Nebr.....	July 8, 1922
MITCHELL, GEORGE. City Water Engineer, Aberdeen, Scotland.....	July 21, 1913
MITCHELL, GEO. H. Supt. Waterworks, Revenue Dept., City Hall, Toronto, Ont.....	Feb. 10, 1921
MITCHELL, JAMES J. Supt. Warren Water Co., 301 Penna. Ave., Warren, Pa.....	Oct. 21, 1920
MITCHELL, NEWTON. Supt. Paris Water Co., Paris, Ky.....	Jan. 7, 1924
MITCHELL, W. MONTGOMERY. Gross Ile., Mich.....	May 24, 1920
MOAT, CHARLES P. Chemist, Vermont State Board of Health, 2 Colchester Ave., Burlington, Vt.....	Jan. 29, 1915
MOHLMAN, FLOYD W. Chf. Chst., San. Dst. of Chicago, 39th St. & Lake Michigan, Chicago, Ill.....	Oct. 22, 1921
MOIR, DONALD. Aguas Corrientes, Calle Salta 1461, Rosario de Santa Fe, Argentine.....	June 25, 1924
MOLIS, WM. Supt. Water Works, Muscatine, Iowa.....	Mar. 15, 1882
MONFORT, WILSON F. Consulting Chemist, 506 N. Vandeventer Ave., St. Louis, Mo.....	July 10, 1906
MONROE, H. L. Supt. Water Works, Pontiac, Mich.....	July 10, 1919
MONTABONE, A. J. F. Room 2, Imperial Theater Bldg., Montreal, Canada.....	Nov. 9, 1922
MONTGULIEU, HENRY J., C.E. Calle B, No. 70, Entre 21 y 23, Vedado, Habana, Cuba.....	Nov. 17, 1911
MOORE, CHARLES E. 228 Avenham Ave., Roanoke, Va.....	Oct. 5, 1923
MOORE, GEORGE S. Supt. Water Dept., Leaksville, N. C.....	Apr. 23, 1924
MOORE, JOHN D. 1137 83rd St., Brooklyn, N. Y.....	May 28, 1924
MOORE, L. E. Supt. Water Works, 1115 St. Claire St., Port Huron, Mich.....	June 8, 1921
MOORE, R. M. Secty. and Mgr., Peoples Water Co., of Palms, Cal., 1018 Trust and Savings Bldg., Los Angeles, Cal.....	June 30, 1920
MOREHOUSE, WALLACE W. Supt. Divn. of Water, 20 E. 2nd St., Dayton, O.....	Jan. 16, 1923
MOREY, DAVID, JR. San. Engr., 517 Praetorian Bldg., Dallas, Texas.....	May 21, 1923
MORGAN, HENRY B. Grand View Drive, Peoria, Ill.....	Apr. 24, 1910
MORLAN, WILBERT. Engr., 66 E. Pershing Ave., Salem, Ohio..	May 24, 1922
MORRIS, CHARLES H. Supervisor of Water Works, New Brunswick, N. J.....	June 7, 1916
MORRIS, J. CLYDE. Director of Water, Fairmont, W. Va.....	May 28, 1924
MORRIS, SAMUEL BROOKS. Chf. Engr., Water Dept., City Hall, Pasadena, Cal.....	June 10, 1920
MORROW, DAVID W., C.E. 4500 Euclid Ave., Cleveland, O..	May 8, 1922
MORSE, ROBERT B. Chf. Engr., Wash. Sub. San. Dist., Hyattsville, Md.....	Mar. 11, 1915
MORTENSEN, FREDERICK C. Prof. Chemistry, Coe College, Cedar Rapids, Ia.....	July 20, 1920
MOSELEY, ALEX W., M.E. Sloan Valve Co., 4300 W. Lake St., Chicago, Ill.....	Oct. 11, 1923
MOSES, HOWARD E. Asst. Chf. Engr., Pennsylvania Dept. of Health, 904 N. 2nd St., Harrisburg, Pa.....	Apr. 27, 1922
MOULTON, GEORGE L. Engr. c/o Tucker & Laxton, Charlotte, N. C.....	Apr. 3, 1923
MOULTON, J. WENDELL. Asst. Engr., 112 E. 19th St., New York, N. Y.....	Mar. 31, 1924
MOWRY, ROBERT B. c/o Wallace & Tiernan Co., Box 178, Newark, N. J.....	Aug. 8, 1919

MOYER, KENNETH L. Supt., Dept. Public Service, 6th & Walnut Ave., Niagara Falls, N. Y.	Nov. 5, 1921
MUDGE, JOHN REXFORD. 246 E. Avenue 42, Los Angeles, Calif.	May 27, 1924
MUELLER, CARL. Asst. Engr. Bureau of Water, 147 Pomona Ave., Newark, N. J.	Apr. 25, 1923
MULLERGREN, ARTHUR L. Cons. Engr., 555 Gates Bldg., Kansas City, Mo.	Oct. 21, 1919
MULLIKIN, ALFRED, C.E. Asst. Sanitary Engr., State Dept. of Health, Albany, N. Y.	Jan. 7, 1924
MUNDY, AMBROSE. Supt. Middlesex Water Co., Woodbridge, N. J.	Mar. 11, 1914
MUNN, HARVEY T. Hyd. Engr., N. B. F. U., 209 West Jackson Boulevard, Chicago, Ill.	Mar. 9, 1920
MUNRO, L. A. Brenner, Mond. & Co., Ltd., Northwich, Cheshire, England.	Oct. 11, 1923
MUNROE, WALTER C. Savings Bank Bldg., Annapolis, Md.	Jan. 30, 1924
MURPHY, A. R., C.E. Fountain City, Tenn.	Apr. 7, 1911
MURPHY, FRANK J. Supt. Div. of Meters, City Hall, Milwaukee, Wis.	May 31, 1916
MURRAY, R. M. Hyd. & Structl. Engr., 326 Hutton Bldg., Spokane, Wash.	Feb. 11, 1922
MURRIN, JOHN A. Comr. Public Property, City Hall, Rock Island, Ill.	June 5, 1916
MUSER, E. FRED. Supt. Clear Springs Water Co., P. O. Bldg., Catasauqua, Pa.	Dec. 22, 1920
MUSSER, H. P. Kanawha National Bank Bldg., Charleston, West Virginia.	Oct. 31, 1922
MYERS, RICHARD A. Mepl. Engr., S. E. Undwtrs. Assn., 3 W. 10th St., Charlotte, N. C.	Dec. 12, 1921
MYERS, ROBERT HARRISON. Pub. Util. Mgr., Stratford, Ont.	Feb. 10, 1921
MYRTUE, JOHN J. Water Works Trustee, 615 S. 7th St., Council Bluffs, Iowa.	Feb. 27, 1924
NAUMANN, H. T. G. 1024 8th St., Port Huron, Mich.	Apr. 3, 1923
NEBELUNG, GEORGE H. Asst. Engr., Scranton Gas & Wtr. Co., 721 Prescott Ave., Scranton, Pa.	Oct. 11, 1921
NELSON, FRED B., C.E. 906 Anderson Ave., Highbridge, New York, N. Y.	July 18, 1907
NELSON, GEORGE I. San. Engr. W. & T. Co., 4123 Westminster Place, St. Louis, Mo.	Mar. 21, 1923
NEVILLE, WM. J. 900 Independence Bldg., Charlotte, N. C.	Aug. 31, 1923
NEVLING, J. B. Secty.-Treasr. Clearfield Water Co., Clearfield, Pa.	Oct. 16, 1914
NEWLANDS, JAMES A. San. Engr., 11 Laurel St., Hartford, Conn.	Oct. 14, 1914
NEWMAN, M. F. Mgr. Wtr. Purif. Dept. W. B. Scaife & Sons Co., Oakmont, Pa.	Aug. 29, 1923
NEWSOM, REEVES J. Water Comnr., City Hall, Lynn, Mass.	Nov. 18, 1918
NEWTON, S. D. Civil & Municipal Engr., Saluda, N. C.	June 16, 1920
NEYLON, C. M. B. Supervising Engr., State Riv. and Water Sup. Com'n, Melbourne, Australia.	May 18, 1915
NICHOLS, C. S. 830 Hodge Ave., Ames, Iowa.	Oct. 31, 1923
NICHOLS, E. M., C.E. 27 N. 38th St., Philadelphia, Pa.	June 16, 1919
NICHOLS, ROBERT L. Laurel Ave., Laurel, Md.	Mar. 5, 1924
NICKERSON, GEORGE SUMNER. Hyd. Engr., Forum Bldg., Sacramento, Cal.	Nov. 12, 1920
NIESLEY, W. M. 170 Broadway, Rm. 1013, New York, N. Y.	Apr. 30, 1924
NIGHSWONGER, HARRISON WORTH. Route 9, Box 22, Alva, Okla.	Aug. 22, 1919

NISHIOEDA, SATORU. City Planning Bureau, Home Dpt. of the Empire, Maru-no-Uchi, Tokio, Japan.....	Sept. 16, 1914
NOLAN, CORNELIUS P. Supt. Water Dept., 169 Irvington Ave., So. Orange, N. J.....	June 21, 1920
NOLTE, AUGUST G. Asst. Physiologist, Box 395, Ancon, C. Z.	Dec. 30, 1916
NORCOM, GEORGE D. San. Engr. Bd. of Hlth., Wilmington, N. C.....	June 10, 1921
NORCROSS, PAUL H. Cons. Engineer, 1404 Candler Bldg., Atlanta, Ga.....	Oct. 21, 1919
NORMON, EARL E. City Hall, Kalamazoo, Mich.....	Sept. 11, 1924
NORRIS, JOHN ALEXANDER. Chairman State Bd. of Water Engrs., Capitol Sta., Austin, Tex.....	June 16, 1919
NOWAKOWSKI, DR. B. State School of Hygiene, 24 Chocimska St., Warsaw, Poland.....	June 11, 1924
NEUBLING, EMIL L. Chf. Engr., Bureau of Water, Reading, Pa.....	May 29, 1895
NUSSBAUMER, NEWELL L. Asst. Engr. w/Geo. C. Diehl, 577 Ellicott Square, Buffalo, N. Y.....	May 29, 1895
NUTT, J. A. Supt. Water Works, Monongahela, Pa.....	May 17, 1916
O'CONNOR, CORNELIUS J. P. O. Box 130, Elmsford, N. Y....	Mar. 19, 1924
O'CONNOR, PHILIP J. Supt. Filtn., 525 Buena Vista Ave., Warren, O.....	Feb. 11, 1922
OHLIGER, L. B. Supt. Water Works, Canton, O.....	Nov. 12, 1919
OLDING, A. I. 17 West Seventh Avenue, Redfield, South Dak.....	Oct. 23, 1922
OLMSTEAD, CHARLES S. Supt., The Monterey Co. Water Works, Pacific Grove, Cal.....	Apr. 16, 1916
OLSEN, WILLIAM C. Cons. Engr., Box 114, Raleigh, N. C....	Dec. 12, 1921
O'NEALL, A. T. Supt. Water Works, Washington C. C., Ohio.	Apr. 29, 1924
O'NEIL, PERRY. Contr. Engr., Municipal Engineering Co., 707 Pratorian Bldg., Dallas, Texas.....	Mar. 20, 1922
ORCHARD, WILLIAM J. San. Engr., Box 178, Newark, N. J....	Aug. 16, 1917
O'ROURKE, JAMES. Supt. Water Works, Fulton, Ill.....	Nov. 14, 1915
ORR, ALEXANDER, C.E. Chief Engineer, Gloversville Water Works, Gloversville, N. Y.....	Aug. 7, 1909
ORR, C. A. Mgr., City Wtr. and Lt. Co., Mayfield, Ky.....	June 8, 1921
O'SHAUGHNESSY, M. M. City Engineer, 2732 Vallejo St., San Francisco, Cal.....	July 18, 1907
OUTZEN, ANDREW M. c/o Detroit City Gas Co., Detroit, Mich.	Aug. 1, 1923
OWENS, ROBERT B. B.A., B.E. Government Bldgs., Edmonton, Alberta, Canada.....	Apr. 27, 1914
OWINGS, NOBLE L. Asst. Engr. Washington Suburban San. Dist. Riverdale, Maryland.....	Jan. 4, 1923
PADDOCK, EUGENE H. Asst. Engr., N. Y. C. Bd. of Water Supply, 16 Longview Ave., White Plains, N. Y.....	Mar. 25, 1924
PAINTER, CARL ELLICOTT. V. P. & The D. C. Dunbar Co., Cons. Engr., 325 Walker Bank, Salt Lake City, Utah...	Mar. 25, 1924
PAITOV, ANTONIO, C.E. Rivadavia 13353, Ramos Mejia-F. C. O., Buenos Aires, A. R.....	July 27, 1919
PALMER, MARSHALL B. Deputy Engineer, Water Supply, Syracuse, N. Y.....	May 24, 1922
PARKER, C. B. Asst. Supt., Pipe System, Hackensack Water Co., Weehawken, N. J.....	Dec. 5, 1914
PARKER, G. H. Mgr., Kentucky Actuarial Bureau, 303 Speed Bldg., Louisville, Ky.....	Feb. 23, 1924
PARKER, HORATIO NEWTON. City Bact. and Chst., Main and Orange Sts., Jacksonville, Fla.....	June 16, 1920

PARRISH, C. A. Supt. & Mgr. City Wtr. Dept., Compton, Cal.....	July 23, 1923
PARSONS, CHARLES W. Engr., Ill. Inspection Bureau, 37 S. Wabash Ave., Rm. 605, Chicago, Ill.....	Apr. 2, 1923
PARSONS, CLARK D. Assoc. Engr., Filtration Divn. Bureau of Water, Porter Ave. Pumping Station, Buffalo, N. Y..	Apr. 11, 1922
PATE, R. L. Manager City Water Co., Springfield, Mo.....	June 29, 1915
PATITZ, G. J. 701 Washington St., New York, N. Y.....	Oct. 24, 1923
PATTERSON, T. C. Superintendent Water Works, Mt. Holly, N. C.....	Dec. 8, 1923
PATTON, W. A. Pres. and Mgr. Water Co., Catlettsburg, Ky..	June 7, 1904
PATTON, W. S. Mgr. Ashland Water Works, Ashland, Ky....	May 7, 1917
PAULY, C. A. Chf. Engr. Lorain Water Works, 760 Osborne Ave., Lorain, O.....	Feb. 28, 1923
PAYSON, EDGAR R. Prest. American Water Supply Co., Portland, Me.....	June 27, 1905
PEARSE, LANGDON. San. Engr., The Sanitary Dist. of Chicago, S. O. Bldg., 910 S. Michigan Ave., Chicago, Ill..	Feb. 24, 1913
PEARSON, CHARLES DEARNE. Dpty. Engr. & Mgr., Wtr. Wks., Kiangse Road, Shanghai, China.....	Mar. 16, 1922
PEAT, JOHN. Water Supply Engineer, Metropolitan W. S. and S. Board, Brisbane, Queensland, Australia.....	Sept. 12, 1910
PEASE, HERBERT D. Director, Pease Laboratories, Inc., 39 W. 38th St., New York, N. Y.....	Feb. 6, 1924
PECK, ERMON M. Cons. Engr., 260 Edgewood St., Hartford, Conn.....	July 18, 1907
PEDERSON, H. V. State San. Engr., State Bd. of Hlth., Des Moines, Ia.....	Mar. 26, 1922
PEIRCE, WALTER A. Nine Springs Sewage Disp. Works, R. F. D. No. 5, Madison, Wis.....	June 15, 1922
PEIRSON, A. G. Supt. Wtr. Pwr. & Lt. Comn., Weston, Ont.....	Feb. 28, 1923
PENDER, L. E. Supt. Construction & Pub. Utilities, Pinehurst N. C.....	Apr. 23, 1924
PEQUEGNAT, MARCEL, B.A.Sc. Supt. Kitchener Water Comm. Kitchener, Ont.....	Feb. 16, 1924
PERKINS, ROGER G. Prof. Hyg. and Prvnt. Med., E. 9th St. & St. Clair Ave., Cleveland, O.....	June 3, 1921
PERROW, MOSBY GARLAND. Health Officer, Lynchburg, Va...	Apr. 16, 1916
PERRY, H. W. Supt., Water Works, Box 647, Greenville, S. C.....	Apr. 25, 1922
PERRY, J. ROBERT. Accountant, Municipal Water Dept., Walnut Ave. & 6th St., Niagara Falls, N. Y.....	June 20, 1924
PERRY, WILLIAM. Hydraulic Engr., Maplewood Ave., Cote des Neiges, Montreal, Quebec.....	June 26, 1886
PETERS, WM. J. Comnr. Public Wks., 301 Court House, St. Paul, Minn.....	May 23, 1923
PETERSON, LEONARD. Supt. Water Works, Power and Light Co., Crookston, Minn.....	June 10, 1911
PHELPS, EARLE B. 66 Cottage Place, Ridgewood, N. J.....	Oct. 19, 1914
PHILLIPS, ASA E. 26 Jackson Place, Washington, D. C.....	Nov. 9, 1922
PHILLIPS, JOHN M. Harrison Engr. & Constr. Cor., Cummings, Kansas.....	July 22, 1920
PIATT, WILLIAM M. Cons. Engr., Durham, N. C.....	Aug. 5, 1921
PIERCE, JOHN F. Bayley Terrace, So. Weymouth, Mass.....	Feb. 16, 1924
PINCUS, SOL. San. Engr., 255 West 108 St., New York, N. Y..	Feb. 17, 1920
PIRNIE, MALCOLM. Consulting Engineer, 25 West 43rd St., New York, N. Y.....	May 8, 1917
PITCHER, F. H. G. Mgr. and Ch. Engr., Montreal W. and P. Co., Place D'Armes Square, Montreal, Can.....	June 27, 1905



PLAMONDON, ADRIEN, C.E. Engineer and Contractor, 70 St. James St., Montreal, Canada.....	May 22, 1916
PORT, JOHN A. Supt. Van Gilder Water Meter Co., 518 Bridgeboro St., Riverside, N. J.....	May 28, 1924
PORTER, D. P. Supt. Water Works, 1305 E. 4th St., Pueblo, Col.....	Sept. 22, 1916
PORZELIUS, A. F. Supt. City Water Co., Chattanooga, Tenn..	July 7, 1920
POTTEIGER, DR. C. R. 1975 Spencer St., Philadelphia, Pa...	May 26, 1920
POTTER, ALEXANDER. Consulting Engineer, 50 Church St., New York, N. Y.....	July 18, 1907
POTTS, CLYDE. Civil and Sanitary Engr., 30 Church St., New York, N. Y.....	July 10, 1906
POWELL, ALEXANDER C. Chemist, Bangor Filter Plant, Bangor, Me.....	Mar. 12, 1910
POWELL, SHEPPARD T. 4103 Hawthorne Ave., Forest Park, Baltimore, Md.....	July 10, 1906
POWERS, JEROME, C.E. Supt. Keokuk Water Works, Co., Keokuk, Iowa.....	Feb. 28, 1907
PRACY, GEO. WESLEY. Supt. Spring Valley Water Co., 425 Mason St., San Francisco, Calif.....	May 18, 1915
PRADAS, ARMANDO C. Engr. in Chge. Pvg. and Swge., Camaguey, Cuba.....	Feb. 17, 1920
PRATT, ARTHUR H. Chf. Engr., North Jersey Dist. Wtr. Supply Comm. 20 Clinton Street, Newark, N. J.....	Jan. 4, 1923
PRATT, GILBERT H. Chemist & San. Engr., 486 Clifton Ave., Newark, N. J.....	June 5, 1916
PRATT, ROGER W. c/o Wallace & Tiernan Co., 201 Lloyd Bldg., Kansas City, Mo.....	Feb. 13, 1924
PRAY, JOHN W. Supt. Water Works, Ft. Dodge, Ia.....	June 24, 1913
PRINCE, GEORGE T. Cons. Engr. 629 Omaha Grain Exch. Bldg., Omaha, Nebr.....	July 10, 1906
PRINDLE, GEORGE B. 436 W. Lexington St., Danville, Ky....	Mar. 25, 1924
PRIOR, J. MURRAY. Supt. Bureau of Water, 25 Quackenbush St., Albany, N. Y.....	Apr. 10, 1924
PROCHNOW, HENRY O. Supt. Water Works, West Allis, Wis..	June 17, 1919
PROCTOR, EDWARD M. Cons. Engr., 20 Rosemount Ave., Toronto, Ont.....	May 5, 1921
PROKOFIEFF, S. T. Hydraulic Engineer's Office, Municipal Offices, Bombay, India.....	Oct. 27, 1922
PROVOST, ANDREW J., JR. San. Expert and Hyd. Eng., 39-41 West 38th St., New York City.....	May 12, 1908
PRUETT, G. C., C.E. Virginia, Minn.....	Feb. 2, 1914
PRUGH, J. I. Supt. Division of Water, City Hall, Sacramento, Calif.....	Nov. 8, 1923
PUGH, MARSHALL R., C.E. 230 Poplar Ave., Wayne, Pa.....	Apr. 8, 1905
PURCELL, JOHN L. Pres., Bd. of Water Commissioners, 124 N. Beacon St., Hartford, Conn.....	June 13, 1924
PUTNAM, GEORGE W. State Sanitary Engineer, Jefferson City, Mo.....	June 15, 1922
QUAYLE, LEROY A. Chf. Mechanical Engr., Water Dept. 1440 W. 98th St., Cleveland, Ohio.....	June 24, 1915
QUILLAN, W. E. Genl. Mgr. United Gas & Elect., 16 W. Sherman, Hutchinson, Kans.....	Feb. 28, 1923
QUINNELL, FRED. Comnr. Public Works, Bx. 684, Roundup, Mont.....	Feb. 7, 1922
RAAB, FRANK. Chst. & Bact. Filtn. Plant, 3940 Harriet Ave., Minneapolis, Minn.....	Oct. 26, 1921
RACE, JOSEPH. Devonshire Hospital, Buxton, England.....	May 18, 1914

RADCLIFFE, JOHN L. Supt. Filtn., 663 Madison Ave., Elizabeth, N. J.	Feb. 19, 1920
RADER, R. P. Supt. Lehigh Water Co., Easton, Pa.	May 12, 1908
RANDLETT, FRED MORSE. Chf. Engr., Water Bureau, City Hall, Portland, Ore.	June 16, 1920
RANDOLPH, EDWARD. P. O. Box 300, Newport News, Va.	May 24, 1922
RAPP, W. M. Supt. Const. Water Dept., P. O. Box 584, Atlanta, Ga.	May 17, 1899
RASSIER, CHRISTIAN C. Supt., Water Works, 330 W. Coal St., Shenandoah, Pa.	May 24, 1922
RATHBUN, W. S. Fire Prevention Engineer, P. O. Box 1740, Denver, Colo.	Apr. 13, 1922
RAYMOND, GEORGE B. Supt. Water Dept., Danbury, Conn.	June 16, 1919
REAGAN, JOHN F., JR. 1137 Park Ave., Utica, N. Y.	July 10, 1906
REBER, HARRY C. Pres., Angelica Water & Ice Co., 1907 Perkiomen Ave., Reading, Pa.	Aug. 20, 1924
REDFERN, W. BLAINE. Sec. Treas. James, Proctor & Redfern, Cons. Engrs., 115 High Park Ave., Toronto, Ont.	Nov. 12, 1919
REED, D. A. Mgr. Water and Light Dept., Duluth, Minn.	Sept. 20, 1913
REES, S. P., C.E. 826 Lindin Ave., Hubbard Woods, Ill.	May 7, 1917
REEVES, O. LEE. Supt., Water Works Co., 26 South Jackson St., Greencastle, Ind.	May 24, 1922
REID, ROBERT H. Supt., Spring Brook Water Co., Hudson Falls, N. Y.	July 12, 1922
REID, WALTER. Supt., Water Works, Springfield, Ill.	May 24, 1922
REID, WILLIAM H. City Mgr., Bay City, Mich.	May 23, 1923
REILLY, EDWARD J. c/o Wallace & Tiernan Co., 180 N. Market St., Chicago, Ill.	Mch. 26, 1923
REINHARDT, HARRY. Asst. Chf. Engr., East Bay Water Co., Oakland, Cal.	Apr. 12, 1921
REINKE, EDWARD A. 102 C. E. Bldg., Berkeley, Calif.	Nov. 8, 1923
REISWEBER, ALEX. G. Supt. N. F. Div. Wstn. N. Y. Wtr. Co., 401 Elderfield and Hartshorn Bldg., Niagara Falls, N. Y.	Jan. 20, 1921
REQUARDT, GUSTAV J., C.E. 1828 Munsey Bldg., Baltimore, Md.	May 17, 1923
REYER, GEORGE. Supt. Water Works, Nashville, Tenn.	Apr. 16, 1884
REYNOLDS, EDWIN G., JR., C.E. New Rochelle Water Co., 514 Main St., New Rochelle, N. Y.	Feb. 26, 1921
REYNOLDS, JAMES H. Asst. Supt., Water Works, Lowell, Mass.	May 28, 1924
RHYNE, C. E. Supt. Water Works, Gastonia, N. C.	Jan. 17, 1922
RHYNUS, CLARENCE PAULDING. Bureau of Sewerage, 300 Delaware Bldg., Akron, Ohio.	May 14, 1912
RICE, CLIFTON L. Genl. Del., West Palm Beach, Fla.	July 7, 1920
RICE, JOHN M. Cons. Engr., 411 Oliver Bldg., Pittsburgh, Pa.	June 8, 1921
RICE, LAWRENCE G. c/o Messrs. Fuller & McClintock, 170 Broadway, New York, N. Y.	Feb. 23, 1924
RICHARDSON, CHARLES G. Sales Mgr., c/o Builders Iron Foundry, Providence, R. I.	July 7, 1920
RICHARDSON, H. H. Engr. Wtr. Svce., Mo. Pac. R. R., 1055 Ry. Exc. Bldg., St. Louis, Mo.	Aug. 23, 1920
RIDER, JANE H. Dctr. Ariz. State Laboratory, Tucson, Ariz.	Aug. 23, 1920
RIDLEY, CLARENCE EUGENE. Bluefields, W. Va.	Dec. 5, 1918
RIFEE, GEORGE A. Supt. Shinnston Water Board, Shinnston, W. Va.	Jan. 30, 1924
RIEBEL, THOMAS S. Supt. Queen Lane Filters, 942 E. Price St., Philadelphia, Pa.	May 28, 1924
RINGNESS, HENRY. Supt. of Accts. Peoria Water Works Co., 143-5 N. Jefferson St., Peoria, Ill.	Sept. 8, 1919

RITCHIE, EDGAR GOWAR. Engineer of Water Supply, Metropolitan Board of Works, Melbourne, Australia.....	Sept. 6, 1912
ROBERTS, EARL I. Asst. Engr., State Dept. of Health, 1046 The Spitzer Bldg., Toledo, Ohio.....	Jan. 11, 1918
ROBERTS, JOHN S., JR. Borough Engr., Bristol, Pa.....	June 19, 1920
ROBERTS, WILLIAM J. Cons. Engr., 616 Puget Sound Bank Bldg., Tacoma, Wash.....	Oct. 19, 1914
ROBINSON, BRICE J. Pres.-Mgr. Atascadero Mutual Water Co., Atascadero, Cal.....	May 20, 1920
ROBINSON, LEONARD C. Supt. Water and Sewer Dept., Concord, Mass.....	July 18, 1907
ROBINSON, W. W. Supt. & C.E., Russell Manufacturing Co., Alexander City, Ala.....	Mar. 31, 1924
ROBINSON, WILLIAM P. 1700 East 3rd Ave., Denver, Colo....	June 8, 1897
RODGERS, C. M. Asst. Superintendent, Salisbury Water Works, Salisbury, N. C.....	Dec. 8, 1923
RODMAN, GEORGE EDWARD. Asst. Engr. Dept. W. S. G. and E., 2449 Municipal Bldg., New York, N. Y.....	Jan. 24, 1919
ROEN, O. S. City Service Manager, City Hall, Ontario, Calif.	Oct. 18, 1923
ROHRBACH, WM. R. Mgr. Sunbury Water Co., Sunbury, Pa.	July 10, 1906
ROLLINS, FRANK L. Supt., Water & Sewage Purification, 500 North 8th St., Cambridge, Ohio.....	Apr. 18, 1922
ROMIG, C. O. Secty. and Supt. Water Supply Co., Denison, O.....	Oct. 23, 1917
ROOS, CHARLES M. Secty. and Supt. Cairo Water Co., Cairo, Ill.....	May 18, 1913
ROPER, ROSWELL M. Engr., Bd. of Water Comrs., East Orange, N. J.....	May 10, 1919
ROSENTHAL, HELMAN. 2906 Peabody Ave., Dallas, Texas....	June 3, 1918
ROSENRETER, HERMAN. Engr. of Water Supply, City Hall, Newark, N. J.....	Mar. 12, 1908
ROSKELLEY, C. O. Civil Engineer, Brigham City, Utah.....	Feb. 20, 1924
ROSS, R. A. Cons. Engr., 288 St. James St., Montreal, Canada.	May 15, 1914
ROSSITER, EDGAR A., C.E. Burnham Bldg., Suite 1729, 160 W. Randolph St., Chicago, Ill.....	Oct. 14, 1918
ROUSE, B. P. Mgr., Western Div. Appalach Power Co., P. O. Box 24, Welch, W. Va.....	Jan. 30, 1924
ROUTH, JAMES W. Bureau of Municipal Research, Athletic Club Building, St. Paul, Minn.....	June 4, 1920
ROUTLEDGE, GEORGE GRAHAM. Supt. Water Distb. Section, 332 St. Clair Ave., E., Toronto, Int.....	Mar. 18, 1919
ROWE, E. A. 1104 Central Building, Los Angeles, Calif....	Nov. 9, 1922
ROWE, E. J. Supt. Water and Light Dept., Wellsville, N. Y....	June 3, 1921
RUDD, WILLIAM C. P. O. Box 380, Cincinnati, Ohio.....	July 14, 1923
RUDDEROW, MAURICE B. Mgr. Merchantville Water Co., Merchantville N. J.....	June 23, 1914
RUE, J. A. Water Engr., Cent. Ill. Pub. Service Co., 1217 Marshall Ave., Mattoon, Ill.....	Apr. 7, 1916
RUGGLES, A. V. 1375 E. 111th St., Cleveland, Ohio.....	Aug. 16, 1920
RUPP, DANIEL H. Water Department, East Liverpool, Ohio.....	Oct. 14, 1922
RUSSELL, BERNARD JOHN. 346 West Grand Boulevard, Detroit, Mich.....	Jan. 30, 1924
RUSSELL, BRINTON. Supt. Water Co., Norristown, Pa.....	May 23, 1923
RUSSELL, D. A. Chief Chemist, Youngstown Sheet & Tube Co., Youngstown, Ohio.....	May 31, 1924
RUSSELL, NORMAN F. S. 1421 Chestnut St., Philadelphia, Pa..	Dec. 10, 1915
RUST, C. H. Toronto Electric Lt. Co., 12 Adelaide St., Toronto, Ont.....	June 24, 1903

RUTH, EDWARD D. Supt., Water Dept., City Hall, Lancaster, Pa.	May 1, 1922
RYLE, JOHN. Asst. Engr. Passaic Water Co., 158 Ellison St., Paterson, N. J.	Dec. 3, 1919
SACKETT, ROBERT L. Dean, School of Engineering, Pa. State College, State College, Pa.	Nov. 21, 1912
SAFFORD, ARTHUR T. Engr., Proprietors Locks and Canals, 66 Broadway, Lowell, Mass.	Feb. 4, 1921
SALCINEZ, J. L., C.E. Pedro A. Perez No. 19, Guantanamo, Cuba.	Oct. 31, 1923
SALISBURY, J. W. Civil Engineer, Chinchilla Lackawanna Co., Penna.	June 13, 1924
SALMOND, JAMES J. Manager <i>Canadian Engineer</i> , 62 Church St., Toronto, Ont.	July 18, 1907
SANBORN, JAMES F. 30 Church St., Rm. 414, New York, N. Y.	Aug. 22, 1921
SANDERSON, A. U. Supt. Toronto Filtn. Plant, Foot of John St., Toronto, Canada.	June 9, 1920
SANDO, WILL J. Consulting Engineer, 1013-16 Wells Building, Milwaukee, Wis.	June 27, 1905
SANZENBACHER, GEORGE. Engr. and Supt. Dept. of Water, Newark, N. J.	June 27, 1905
SAUNDERS, WM. E., E.M. Librarian, United Gas Improvement Co., Broad and Arch Sts., Philadelphia, Pa.	July 26, 1919
SAVAGE, W. B. Supt. Water Works, Knoxville, Iowa.	Jan. 8, 1921
SAVILLE, CALEB MILLS. Mgr. and Chf. Engr. Water Works, 53 North Beacon St., Hartford, Conn.	Mar. 18, 1916
SAVILLE, THORNDIKE. Assoc. Prof. Hyd. and San. Eng., Univ. of N. C., Chapel Hill, N. C.	Aug. 30, 1920
SAWAI, JUNICHI. Chf. Engr. Water Works, Osaka, Japan.	July 21, 1919
SAWIN, LUTHER R. Bacteriologist in Charge of Mt. Kisco Laboratory, Mt. Kisco, N. Y.	July 14, 1916
SAYER, FRED D. Borough Engr. and Supt. of Water, Brookville, Jefferson Co., Pa.	Apr. 22, 1914
SCACCIAFERRO, S. JOHN. Civil and Sanitary Engr., 506 Highland Ave., Clifton, N. J.	Aug. 26, 1921
SCARTH, STANILAND. Supt. Water, Sewer and Light, Newark, N. Y.	Aug. 9, 1916
SCHAUT, GEORGE G. 925 W. Susquehanna Avenue, Philadelphia, Pa.	Oct. 23, 1922
SCHOFFER, LOUIS K. Engineering Asst., San Engr., 1013 Green St., Harrisburg, Pa.	Jan. 26, 1924
SCHERER, FREDERICK G. Asst. Engr. Bureau of Water, City Hall, Newark, N. J.	Dec. 26, 1919
SCHIEDEL, C. W. Secy-Treas. and Genl. Mgr. Water and Light Com'n., Waterloo, Ont.	Apr. 26, 1921
SCHIMMEL, L. H. Pontiac Water Works, Wesson St., Pontiac, Mich.	May 23, 1923
SCHNABEL, WILLIAM R., C.E. Asst. Supt. Bureau of Water, 242 S. Madison St., Allentown, Pa.	Apr. 10, 1924
SCHOLZ, ROBERT O. Senior Engr. Division of Water, 45 Seymour Ave., Newark, N. J.	Feb. 19, 1916
SCHOONMAKER, GEORGE NELSON. Asst. Commr. Dvn. of Water, 716 Stickney Ave., Toledo, Ohio.	Aug. 22, 1921
SCHROEDER, E. C. Manager, Water Works Plant, 617 No. 10th St., Manitowoc, Wis.	Aug. 26, 1924
SCHWABE, WALTER P. Prest and Mgr. The Thompsonville Water Co., 15 Central St., Thompsonville, Conn.	Nov. 3, 1914
SCHWADA, JOSEPH P. City Engineer, 923 49th St., Milwaukee, Wis.	May 28, 1924

SCHWARTZ, FREDERICK W. 439 Hamilton St., Albany, N. Y...	July 18, 1907
SCOFIELD, C. L. Canadian Fire Und. Assn., 524 Coristine Bldg., Montreal, Can.....	Apr. 22, 1920
SCOTT, J. SHELDON. Chst. in Chge. Pfctn. Plant., 1623 State St., Steubenville, O.....	Nov. 27, 1920
SCOTT, ROSSITER, S., M. E. With Nicholas S. Hill, Jr., 112 E. 19th St., New York, N. Y.....	Mar. 4, 1922
SCOTT, WALTER M. Chrmn. Greater Winnipeg Wtr. Dist., New Civic Offices, Winnipeg, Manitoba.....	Mar. 11, 1914
SCOTT, WARREN J. Asst. Engr., State Dept. of Health, 8 Washington St., Hartford, Conn.....	Oct. 14, 1922
SEDGWICK, C. E. Distr. Mgr., Pacific Gas and Elec. Co., Dixon, Calif.....	Mar. 5, 1924
SEERY, FRANCIS J. Prof. Hyd. Eng., Cornell Univ., 504 University Ave., Ithaca, N. Y.....	Nov. 3, 1919
SEIBERT, JOSEPH. Supt. Water Works, St. Cloud, Minn.....	June 5, 1912
SELIGMAN, FELIX. Pump Station, Duluth, W. & L. Dept., Lakewood, Minn.....	June 11, 1924
SENIOR, SAMUEL PALMER. Pres. and Engr. Bridgeport Hyd. Co., Bridgeport, Conn.....	July 10, 1906
SHARON, JOHN J. Asst. to Mgr. S. V. Wtr. Co., 375 Sutter St., San Francisco, Cal.....	Feb. 10, 1920
SHAW, A. W. Engineer, Box 1516, Brandon, Manitoba, Can...	Jan. 17, 1911
SHAW, C. M. Supt., Water Works, P. O. Box 822, Prescott, Arizona.....	Apr. 18, 1922
SHAW, HARRY B. Asst. Engr., Washington Subn. San. Dist., Hyattsville, Md.....	Apr. 2, 1923
SHAW, WALTER A. State Public Utilities, 1509 Farwell Ave., Chicago, Ill.....	July 10, 1906
SHEAL, ROBERT E. Cons. Engr., B. F. Keith Bldg., Cleveland, Ohio.....	June 13, 1921
SHELDON, HOWARD W. Water Works Engr., 120 S. Cedar St., Lansing, Mich.....	Apr. 5, 1922
SHELL, R. G. Supt. Filtration Plant, R. F. D. No. 4, Fayetteville, N. C.....	June 11, 1924
SHEPARD, E. R. Consulting Electrical Eng., 231 So. Clark St., Rm. 1726, Chicago, Ill.....	May 3, 1922
SHEPARD, GEORGE M. Chf. Engr. Dept. Public Works, City Hall, St. Paul, Minn.....	Nov. 12, 1920
SHERMAN, ARTHUR L. 20 Clinton St., Newark, N. J.....	Feb. 16, 1924
SHERMAN, CHARLES W. Cons. Engr., 14 Beacon St., Boston, Mass.....	May 14, 1914
SHERMAN, HAROLD, C.E. 50 Vincent Pl., Lynbrook, N. Y....	Mar. 5, 1924
SHERMAN, LEROY K. President, Randolph-Perkins Company, First National Bank Bldg., Chicago, Ill.....	Sept. 10, 1924
SHERMAN, WALTER J., C.E. The W. J. Sherman Co., Toledo, Ohio.....	May 12, 1908
SHERREDD, MORRIS R. Cons. Engr., Dept. Street and Public Improvts., City Hall, Newark, N. J.....	June 7, 1897
SHIBLEY, E. H. Supt. Port Costa Water Works, 433 California St., San Francisco, Cal.....	June 2, 1920
SHIBLEY, KENNETH. Civil and Hydraulic Engr., 1218 Merchants Exchange, San Francisco, Cal.....	Sept. 1, 1915
SHIELDS, W. S. 1201 Hartford Bldg., Chicago, Ill.....	May 17, 1899
SHIPMAN, EUGENE H. Prest. Clear Springs Wtr. Co., 624 North Main St., Bethlehem, Pa.....	July 14, 1920
SHOEMAKER, G. E. Genl. Mgr., Water Works, Waterloo, Iowa.....	June 5, 1911
SIDDONS, JOSEPH S. V. Supt. Torresdale Filters, 1648 Dyre St., Philadelphia, Pa.....	Feb. 28, 1916



SIEDLE, ADOLPH G. Asst. Engr., Water Dept., 480 East 124th St., Cleveland, O.....	June 13, 1921
SIEMS, V. BERNARD. Water Engineer, Water Dept., City Hall, Baltimore, Md.....	May 11, 1916
SIMMS, R. B. Supt. Water Works, Spartanburg, S. C.....	May 24, 1922
SIMONDS, FRED W. 4 Addison Place, Ridgewood, N. J.....	May 13, 1918
SIMONS, GEORGE W., Jr. San. Engr., 364 Avondale Ave., Jacksonville, Fla.....	July 23, 1920
SIMPSON, J. H. 238 Brownsville Road, Mt. Oliver Station, Pittsburgh, Pa.....	Sept. 11, 1924
SKINKER, THOMAS JULIAN. Engr. in Charge of Distribution, 312 City Hall, St. Louis, Mo.....	July 31, 1924
SKINNER, ALFRED E. Western Mgr. Pitometer Co., 53 W. Jackson Blvd., Chicago, Ill.....	Mar. 14, 1921
SLATER, E. O. Chemical Engr., 245 So. Los Angeles St., Los Angeles, Calif.....	Apr. 11, 1922
SLAUGHTER, J. M. Supt., Water Works, Meridian, Miss.....	May 28, 1924
SLEEPER, WM. H. Constr. Engr. Fuller & McClintock, 319 Summit Cherry Bldg., Toledo, Ohio.....	May 16, 1923
SLINGERLAND, WM. H. Box 142, Slingerlands, N. Y.....	Apr. 30, 1924
SMALLEY, JAMES D. Supt. Water Dept., 1027 B St., Hayward, Ala. Co., Calif.....	Aug. 29, 1923
SMALSHAF, A. J. Columbus Water Works, Columbus, Ga....	Dec. 26, 1916
SMEDBERG, C. W. Water Dept., Greensboro, N. C.....	Dec. 11, 1922
SMITH, ARTHUR H. 100 Beechwood Ave., Bound Brook, N. J..	May 8, 1918
SMITH, E. H. 615 Station Ave., Haddon Heights, N. J.....	Apr. 20, 1924
SMITH, ELROY G. Cons. Engr., 313 Herald Bldg., Augusta, Ga.	June 16, 1920
SMITH, J. WALDO. Consulting Engr., Board of Water Supply, Municipal Building, New York, N. Y.....	June 15, 1898
SMITH, JOHN D. Supt., Water Works, P. O. Box 366, Cheraw, S. C.....	Apr. 29, 1924
SMITH, L. B. Mgr. Westmoreland Water Co., Greensburg, Pa.....	July 26, 1915
SMITH, LEON A. Supt. Water Works, City Hall, Madison, Wis.....	May 17, 1916
SMITH, MERRITT HAVILAND. Chf. Engr., Bureau of Water Supply, Municipal Building, New York, N. Y.....	July 15, 1915
SMITH, MILTON PERRY. Supt., Parks & Public Property, Sioux City, Iowa.....	Apr. 23, 1924
SMITH, R. J. Mgr., Secty-Trs. Perth Hydro-Electric System, Perth, Ont.....	June 10, 1911
SMITHRIM, E. R. Secty-Treas. Pub. Util. Comn., Box 55, Strathroy, Ont.....	Apr. 3, 1919
SNELL, GEORGE H. 49 County St., Attleboro, Mass.....	July 7, 1906
SNELL, T. W. Genl. Supt. Coast Valleys G. & E. Co., Salinas, Calif.....	Mar. 21, 1923
SNYDER, FREDERIC ANTES. 105 Carnegie Ave., East Orange, N. J.....	Mar. 13, 1920
SNYDER, S. B. Supt. Wtr. Wks., 105 S. Madison St., Stoughton, Wis.....	July 16, 1923
SOOST, C. W. Supt. Water Works, Mobile, Ala.....	Oct. 27, 1922
SOSNOWSKI, JOHN B. Prest. Bd. Wtr. Cmns., 1093 E. Grand Boulevard, Detroit, Mich.....	May 29, 1920
SPAULDING, CHARLES H. Filt. Engr., Okla. City Water Dept., Oklahoma City, Okla.....	July 29, 1924
SPEAR, WALTER E. Merrick, N. Y.....	Jan. 8, 1915
SPELLER, FRANK NEWMAN. Metallurgical Engr., 1802 Frick Bldg., Pittsburgh, Pa.....	June 10, 1920
SPENCER, C. A. Supt. Mountain Wtr. Sply. Co., 208 Couler Bldg., Greensburg, Pa.....	Oct. 10, 1919

SPENCER, H. M. Director of Research, Seydel Chemical Co. Jersey City, N. J.....	Jan. 16, 1924
SPENCER, PERCY S. Eng. Asst., Aberdeen Wtr. Wks., 39 Brim- mond Place, Torry, Aberdeen, Scotland.....	May 3, 1922
SPERRY, WALTER A. Chemist, Filtration Plant, Grand Rapids, Mich.....	Dec. 5, 1914
SPILLER, H. C. Prest. Jackson Mutual Water Co., 17 Water St., Boston, Mass.....	July 2, 1918
SPIRE, LEONARD S. Chf. Pitometer Operator, Bureau of Water, 50 Lake View Ave., Buffalo, N. Y.....	July 5, 1918
SQUIRES, ANSON W. Supt., Tampa Water Works Dept., P. O. Box 461, Tampa, Fla.....	Mar. 8, 1924
STANTON, H. Waterworks Inspector, Western Canada Fire Underwriters Assn., 1100 Paris Bldg., Winnipeg, Man....	June 26, 1916
STANFIELD, C. E. Pana, Ill.....	Dec. 24, 1914
STANLEY, WILLIAM E. c/o Pearse, Greeley & Hansen, 6 No. Michigan Ave., Rm. 1710, Chicago, Ill.....	Nov. 9, 1922
STARBUCK, HAROLD R. Sodus, N. Y.....	June 13, 1921
STARK, BURR M., C.E. Lake Ave., Troy, N. Y.....	Dec. 26, 1919
STARR, ROLAND H., B.A.Sc. Engr. Wtr. Lt. and Pwr. Wks., Box 694, Orillia, Ont.....	Jan. 16, 1920
STEARNS, HARRINGTON P. c/o Queens Co. Water Co., Far Rockaway, N. Y.....	Jan. 22, 1914
STEARNS, RALPH H. c/o Messrs. Sanderson Porter, 52 Willam St., New York, N. Y.....	May 31, 1924
STEIN, MILTON F. San. Engr., 6753 Lafayette Ave., Chicago, Ill.....	June 16, 1919
STEPHEN, ENG. LT. CMDR. CHARLES, R.N. Supt. Engr., Macdonald College, P. Q., Canada.....	Apr. 21, 1916
STEPHENSON, FRANK H. Asst. Supt. Water Supply, 5171 Webb Ave., Detroit, Mich.....	May 24, 1920
STEROSKY, JOSEPH. Supt. Water Dept., 909 Oak St., Port Huron, Mich.....	May 28, 1924
STEVENS, HAROLD C. Consulting Engineer, 150 Nassau St., New York, N. Y.....	May 9, 1914
STEVENS, HARRY. Cons. Engr., Union Trust Building, Wash- ington, D. C.....	May 12, 1916
STEVENSON, W. L. Chf. Engr., Pa. Dpt. of Hlth., P. O. Box 622, Harrisburg, Pa.....	May 1, 1922
STEWART, FREDERICK G. Pres., Waterloo Water Co., Water- loo, N. Y.....	May 28, 1924
STEWART, FRED J. Mgr. The Merton G. Hall Co., Center- ville, Ia.....	Apr. 12, 1920
STEWART, SPENCER W. Prest. Ambursen Constr. Co. Inc., Grand Central Terminal Bldg., New York, N. Y.....	Feb. 4, 1921
STOLDT, G. F. Hillview, Ill.....	Dec. 16, 1922
STONE, E. W. Analyst, Pueblo Water Works, P. O. Box 818, Pueblo, Col.....	July 22, 1916
STONE, ORMOND O. 1112 Hollingsworth Bldg., Los Angeles, Calif.....	Jan. 2, 1924
STONE, R. D. Prest. and Mgr., 400 Chestnut St., Philadel- phia, Pa.....	Dec. 16, 1915
STORRIE, WILLIAM, C.E. Room 625, Confederation Life Bldg., Toronto, Ont.....	Mar. 11, 1915
STORRS, JOHN W., C.E. Mbr. N. H. Pub. Serv. Comn., Con- cord, N. H.....	Oct. 7, 1919
STORY, STEPHEN BOND. Director Bur. Mun. Research, 25 Exchange St., Rochester, N. Y.....	Mar. 30, 1920
STOVER, FREDERICK H. Crescent Hill Filters, Louisville, Ky.....	June 3, 1912

STRANG, JOHN A., C.E. Wallace & Tiernan Co., 201 Lloyd Bldg., 9th & McGee Sts., Kansas City, Mo.....	Feb. 8, 1923
STRATTON, C. C. c/o J. C. Michie, Supt. Water Wks., Durham, N. C. ....	Dec. 8, 1923
STRATTON, THOMAS F. Water Comnr., Memphis, Tenn.....	May 21, 1923
STREANDER, PHILIP B. 5919 Carpenter St., Apt. B, Philadelphia, Pa. ....	Dec. 8, 1923
STREETER, H. W. San. Engr., U. S. Pub. Hlth. Serv., Third & Kilgour Sts., Cincinnati, Ohio. ....	Apr. 16, 1915
STREITHOF, CHAS. Gen. Supt. Water Dept., 524 Cleveland Ave., Evansville, Ind. ....	May 23, 1923
STRINGFELLOW, HENRY A. c/o Parrish & Co., Apartado 6, Barranquilla, Colombia, S. A. ....	July 25, 1924
STROHMAYER, JOSEPH S. Asst. Civil Engr. Water Dept., 5007 Wilson Ave., Baltimore, Md. ....	May 11, 1922
STROMQUIST, W. G. City Health Dept., Room 2, Court House, Memphis, Tenn. ....	Nov. 17, 1914
STROUSE, PAUL EWING. City Engineer, Rocky Ford, Col. ....	Aug. 31, 1923
STRUTHERS, D. L. City Manager, Gastonia, N. C. ....	Dec. 8, 1923
SUGGS, JOHN H. c/o Durham Water Works, Durham, N. C. ....	Apr. 4, 1924
SUITOR, ROY B. Supt. Public Service, Walnut Ave. & 6th St., Niagara Falls, N. Y. ....	June 20, 1924
SULLIVAN, C. J. Supt. Water Works, 319 Second Ave. North, Chisholm, Minn. ....	June 23, 1913
SULLIVAN, EDMUND C. U. S. Public Health Service, 370 Seventh Ave., Room 1551, New York, N. Y. ....	Apr. 14, 1924
SULLIVAN, PAUL K. Supt., Water Plant, Box 212, Cramerton, N. C. ....	July 28, 1924
SURVEYER, ARTHUR. Cons. Engr., 511 St. Catherine St., W., Montreal, Canada. ....	Apr. 18, 1916
SUTER, RUSSELL. Sr. Asst. Engr., Cons. Comn., Albany, N. Y. ....	Oct. 9, 1914
SUTHERLAND, IAN M., M.C.E. Engng. Drftsmn. M. M. B.W., 110 Spencer St., Melbourne, Australia. ....	June 16, 1920
SUTLE, CLIFFORD B., C.E. Asst. Treas. Tampa Water Works Co., 401 Chestnut St., Philadelphia, Pa. ....	June 10, 1919
SWAAB, S. M. Cons. Engr., City Hall, Room 210, Philadelphia Pa. ....	Mar. 19, 1924
SWANSON, MELVIN O. Supt. Wtr. & Lt. Dept., City Bldg., Jamestown, N. Y. ....	Aug. 9, 1922
SWARD, FRANCIS L. Comnr. of Water, 840 Penobscot Bldg., Detroit, Mich. ....	June 13, 1921
SWEARINGEN, C. V. State Water Survey, Urbana, Ill. ....	Jan. 2, 1924
SWEENEY, J. H. Chief Engr. Water Works, Wilmington, N. C. ....	Dec. 8, 1923
SWEET, E. O., C.E. Birmingham Water Works Co., 1106½ Virginia Ave., Birmingham, Ala. ....	May 19, 1916
SWITZER, JOHN A. Cons. Engr., Prof. Hydraulic and Sanitary Eng., University of Tenn., Knoxville Tenn. ....	May 10, 1915
SYMONDS, HENRY A. Cons. Hyd. Engr., 75 Crofton Road, Waban, Mass. ....	Feb. 26, 1921
SYMONS, M. M. Chief Engr., Interstate Water Co., 1009 West Fairfield St., Danville, Ill. ....	Feb. 8, 1915
TABER, GEORGE A. Consulting Engineer, Beacon Bldg., 6 Beacon St., Boston, Mass. ....	June 3, 1912
TAINTER, F. S. 84 Pine St., New York, N. Y. ....	Oct. 4, 1919
TAKAYAMA, O. Director, Morita Mfg. Co., Kyuaemon-Cho 1-Chome, Minami-ku, Osaka, Japan. ....	Mar. 14, 1924
TALBOT, ARTHUR N. Prof. Municipal and Sanitary Engr., University of Illinois, Urbana, Ill. ....	Aug. 22, 1894

TALBOT, EARLE. Secty. Treasr. and Genl. Asst. Supt., Hackensack Water Co., Box F., Weehawken, N. J....	May 1, 1920
TALBOTT, FRANK. Supt. Sec. and Treas. Water Works, Danville, Va.....	June 7, 1904
TANNER, FRED W., Ph.D. Bact. Dept., 361 Chem. Bldg., University of Illinois, Urbana, Ill.....	Nov. 3, 1914
TANNER, I. B. Supt. Wtr. Svce. Dpt., Jos. E. Nelson and Sons, 3240 S. Michigan Ave., Chicago, Ill.....	Sept. 5, 1919
TARBETT, RALPH E. San. Engr., U. S. P. H. Svce., 321 Mills Bldg., El Paso, Texas.....	July 5, 1921
TAY, SAMUEL WRIGHT. San. Engr., Ttl. Bd. of Hlth., Hawaii, 2413 Lower Manoa Road, Honolulu, T. H.....	July 14, 1920
TAYLOR, ARTHUR. Cons. Engineer, 626 So. Spring St., Los Angeles, Calif.....	July 31, 1924
TAYLOR, GEO. R. San. Chmst., 115 Wyoming Ave., Scranton, Pa.....	May 11, 1908
TAYLOR, SAMUEL A. Con. & Constructing Engr., 7th Floor, 1st Natl. Bank Bldg., Pittsburgh, Pa.....	June 10, 1902
TAYLOR, STEPHEN H. Supt. Water Works, 312 Municipal Bldg., New Bedford, Mass.....	June 3, 1919
TAYLOR, W. E. Chf. Engr., Water Co., Water St. and Big 4, Terre Haute, Ind.....	July 18, 1903
TERNES, ALBERT P. Water Commissioner, 7435 La Salle St., Detroit, Mich.....	May 15, 1922
THOM, L. G. City Manager, 317 55th St., Newport, News, Va.	May 23, 1923
THOMAS, A. H. R. Supt. Waterworks, Box 227, New Toronto, Ont.....	Feb. 28, 1923
THOMAS, CHARLES F. 5915 Springfield Ave., Philadelphia, Pa.	Aug. 29, 1923
THOMAS, E. E. Point Pleasant, W. Va.....	Mar. 31, 1924
THOMAS, E. J. Cons. Engr., Box 613, Minot, N. Dak.....	Dec. 11, 1922
THOMAS, ROBERT J. 85 Eleventh St., Lowell, Mass.....	May 16, 1900
THOMPSON, ALVIN B. Supt. Kennebec Water Dist., Waterville, Me.....	June 26, 1919
THOMPSON, DAVID G. Associate Geologist, U. S. Geological Survey, Dept. of Conservation & Development, State House, Trenton, N. J.....	
THOMPSON, RUDOLPH E. Asst. Chst. Filt. Plant, 596 Milverton Blvd., Toronto, Ont.....	Mar. 16, 1922
THORNDIKE, STURGIS H. Cons. Engr., 200 Devonshire St., Boston, 9, Mass.....	Feb. 26, 1921
TIGHE, JAMES L. Cons. Engr., 189 High St., Holyoke, Mass...	Apr. 17, 1889
TILDEN, JAMES A. V. Pres. and Genl. Mgr. Hersey Mfg. Co., South Boston, Mass.....	Apr. 19, 1889
TISDALE, ELLIS S. Director, San. Eng. Division, State Dept. of Health, Charleston, W. Va.....	Aug. 26, 1916
TODD, WILLIAM. Supt. Elec. Light and Water Works, Austin, Minn.....	June 18, 1901
TOENSFELDT, KURT. Asst. Chief Mechanical Engr., Water Department, 308 City Hall, St. Louis, Mo.....	June 13, 1922
TOLER, W. C. Supt. Filtration Water Dept., 211 North Virginia St., Goldsboro, N. C.....	Dec. 8, 1923
TOLLES, FRANK C., C.E. 1120 Second National Bldg., Akron, Ohio.....	Aug. 1, 1923
TOLSON, ALBERT. Supt. of Filters, 206 Rochelle Ave., Philadelphia, Pa.....	Jan. 29, 1916
TOMLINSON, SAM. 100 Robinson Road, Singapore, S. S.....	July 14, 1887
TOMS, R. C. Mgr. Marion Water Co., Marion, Iowa.....	Apr. 4, 1924
TOTTEN, ROBERT L. Cons. Engr., 415 Brown Marx Bldg., Birmingham, Ala.....	Mar. 26, 1923

TOWLE, ELTON I. Hyd. & Mech. Engr., 402 East 37th St., Paterson, N. J.	Apr. 5, 1922
TOWNLEY, DAVID H. Engr., Elizabethtown Water Co., 139 Murray St., Elizabeth, N. J.	May 26, 1916
TOYNE, J. W. Engineer, South Bend, Ind.	July 10, 1906
TRACE, V. E. Supt. Water Works Dept., City Hall, Santa Barbara, Cal.	July 23, 1920
TRAFFORD, E. W. Dctr. Pub. Util., 109 City Hall, Richmond, Va.	May 8, 1922
TRAUTWINE, JOHN C., JR. Civil Engr., 257 S. Fourth St., Philadelphia, Pa.	May 27, 1896
TRAVIS, F. M. Prest., The Torrington Water Co., P. O. Box 76, Torrington, Conn.	July 20, 1917
TRAX, E. C. Chemist, Filtration Plant, McKeesport, Pa.	June 9, 1911
TREMBLAY, J. A., C.E. Engr., Water & Sewerage Dept., 98 Bougainville Ave., Quebec, Canada	May 28, 1924
TRIBUS, LOUIS LINCOLN, C.E. 15 Park Row, New York City.	May 12, 1906
TRIMBLE, EARLE J. Supervising Engineer, Water Dept., 85 Otsego St., Ilion, N. Y.	May 15, 1924
TROBRIDGE, CHARLES E. San. Engr., American Water Works & Elect. Co., 355 Warburton Ave., Yonkers, N. Y.	Apr. 18, 1922
TROGDON, J. S., C.E. Leaksville, N. C.	Dec. 11, 1922
TRUE, ALBERT O. Sanitary Engr., Proximity Mfg. Co., Denim Branch, Greensboro, N. C.	Aug. 28, 1922
TRUMBORE, FRANK J. Master Mechanic, 743 N. Main St., Pleasantville, N. J.	Apr. 7, 1922
TURNER, J. W. Superintendent, Waterworks, Edmonton, Alberta, Canada	June 6, 1922
TURNER, P. G. Route 3, Wilson, N. C.	Dec. 8, 1923
TUTTLE, ARTHUR S. Chf. Engr., Bd. of Estimate and Apportionment, Municipal Building, New York, N. Y.	July 10, 1916
TYGERT, CYRIL B. 165 Home Avenue, Rutherford, N. J.	Nov. 14, 1922
TYLER, D. M. Supt. Elkins Water Works, 153 River St., Elkins, W. Va.	Feb. 20, 1924
TYLER, ORVILLE Z. Supt. Water and Power, Main and Orange Sts., Jacksonville, Fla.	May 4, 1921
UELTZEN, EDWARD JOHN. Supt. Wtr. & Lt. Dpts., Rollo, Mo.	May 7, 1923
ULRICH, BERNARD L. Supt., Water Works, Manhattan, Kans.	Feb. 20, 1922
UPTON, THOMAS HAYNES. Lecturer, Engineering School, University of Melbourne, Victoria, Australia.	Aug. 24, 1923
VAIL, CHARLES D. Mgr. Improvements & Parks, City Hall, Denver, Col.	Jan. 8, 1921
VAIL, R. M. Asst. Supt., Spring Brook Water Supply Co., 30 N. Franklin St., Wilkes Barre, Pa.	Nov. 27, 1923
VALENTINO, JOHN G. Supt. Water Dept., Savannah, Ga.	Apr. 30, 1923
VANARNUM, WILLIAM I. Supt. Filtration, 925 High St., Youngstown, O.	Feb. 7, 1922
VAN BENSCHOTEN, JAY. Mech. & W. W. Engr., 73 Adelaide St. East, Toronto, Ont.	June 10, 1923
VANBRUNT, W. D. Prest. Water Works Co., Southampton, N. Y.	Aug. 23, 1920
VAN GILDER, L. Engr. and Supt. Water Dept., City Hall, Atlantic City, N. J.	July 10, 1906
VANGORDER, J. R., C.E. 408 Salt Springs Road, Syracuse, N. Y.	Mar. 20, 1922
VANKEUREN, C. A. Chief Engr., Wat. Dept., City Hall, Jersey City, N. J.	May 23, 1923



VAN LOAN, SETH M. Deputy Chief Bureau of Water, 709 City Hall, Philadelphia, Pa.....	May 12, 1914
VAN TRUMP, S. N. Chf. Engr. and Supt. Water Wks., Wilmington, Del.....	Feb. 7, 1916
VAUQUETTE, JOSEPH HENRI. City Manager, Shawinigan Falls, Can.....	Dec. 15, 1923
VEATCH, N. T., JR. Cons. Engr., 701-5 Mutual Building, Kansas City, Mo.....	Dec. 16, 1915
VERMEULE, CORNELIUS C., C.E. 38 Park Row, New York, N. Y.....	June 8, 1909
VERTEFEUILLE, JOSEPH A. Asst. Engr. Dpt. W. S. G. and E. of N. Y., 50 Court St., Brooklyn, N. Y.....	May 16, 1916
VEST, W. E. Supt. Water Works, Charlotte, N. C.....	May 3, 1911
VILLERMIN, LAWRENCE F. Mgr., Wtr. & Lt. Plnt., P. O. Box 195, New Iberia, La.....	May 27, 1922
VOLKHAARDT, WILLIAM. 535 Bay St., Stapleton, N. Y.....	June 11, 1902
VON GREYERZ, WALO, C.E. Capt. Royal Swedish Corps Engrs., Humlegardsgatan 29, Stockholm, Sweden.....	July 23, 1920
VORIS, LOUIS ROBERT. Consulting Chemist, Thomas Bldg., Hagerstown, Md.....	Jan. 25, 1924
VOSBURY, W. DEWITT. Hydraulic & Sanitary Engr., 509 Cooper St., Camden, N. J.....	Jan. 19, 1924
WACHTER, LEONARD M. Chemist, Dept. of Health, 192 Partridge St., Albany, N. Y.....	Mar. 16, 1922
WADE, B. F., C.E. 11 South LaSalle St., Chicago, Ill.....	May 25, 1922
WADSWORTH, G. A. Supt. Water Dept., Evanston, Ill.....	May 16, 1918
WAGNER, E. G. Supt. Water Works, City Hall, Lewiston, Idaho	Dec. 30, 1916
WAGNER, EDWIN B. Supt. Water Works, Downingtown, Pa.	Apr. 22, 1921
WAGNER, H. F. Chemist Bureau of Water, Lab'y., Col. F. G. Ward Station, Buffalo, N. Y.....	May 12, 1914
WAGNER, RICHARD F. Supt. and Engr. Dept. of Water, Lynchburg, Va.....	Nov. 3, 1919
WAHL, BENJAMIN. Chf. Chst. Detroit Sulph. P. & P. Co., Detroit, Mich.....	June 8, 1923
WALDEN, A. E. Supt. & Chief Engineer, 26 Hamilton Ave., Raspeburg P. O., Baltimore, Md.....	May 12, 1908
WALKER, CARL C. Civil Engineer, 511-12 Hartman Bldg., Columbus, Ohio.....	Jan. 26, 1924
WALKER, ELTON D. Cons. Engr., Hydraulic and Sanitary Engr., 248 So. Burrowes St., State College, Pa.....	July 18, 1907
WALKER, ISAAC S. Genl. Mgr. New Chester Wtr. Co., 594 Drexel Bldg., Philadelphia, Pa.....	Mar. 25, 1919
WALKER, LEWIS DEWAR. Wtr. Wks. Engr. Can. F. U. A., Excelsior Life Bldg., Toronto, Ont., Canada.....	Feb. 10, 1921
WALKER, VINCENT E. 1606 Pennsylvania Ave., Wilmington, Del.....	Nov. 20, 1923
WALL, EDWARD E. Water Comr., 312 City Hall, St. Louis, Mo.	June 7, 1904
WALL, W. A. General Manager, Water & Sewer Departments, King & Alakea Sts., Honolulu, T. H.....	Apr. 10, 1922
WALLACE, WILLIAM M. Filter Supt. & Chief Chemist, Filtration Plant, Water Wks. Park, Detroit, Mich.....	Apr. 5, 1922
WALSH, JOHN H. Superintendent, Water Works, East Hartford Fire District, 265 Burnside Ave., East Hartford, Conn.....	May 28, 1924
WARD, CHARLES MAXWELL. Cons. Engr., 127 Stanley St., Montreal, P. Q., Canada.....	June 10, 1920
WARD, R. E. 17 Assylum St., Oxford, N. C.....	May 16, 1923
WARD, THOMAS H. City Commissioner No. 2, Public Wks., 1001 South 26th St., Fort Smith, Ark.....	May 28, 1924

WARDER, CHARLES. Superintendent Water Works, Niagara Falls, Ont., Canada.....	Jan. 8, 1916
WARDLE, ANDREW NELSON. San. Engr., Holway Engineering Co., Tulsa, Okla.....	Sept. 18, 1916
WARING, F. HOLMAN. Asst. Engr. State Dept. of Health, Columbus, O.....	Feb. 23, 1915
WARREN, C. A. Const. Engr., City Water Department, 1822 E. Lafayette Ave., Baltimore, Md.....	May 24, 1922
WARREN, W. D. P. Cons. Engr., Milliken Bldg., Decatur, Ill.	Mar. 20, 1920
WARRICK, LOUIS F. Asst. Sanitary Engineer, State Dept. of Health, Charleston, W. Va.....	Apr. 6, 1920
WATERMAN, EARLE LYTON. Associate Professor San. Engr., 104 Eng. Hall, University Iowa, Iowa City, Iowa.....	Dec. 11, 1922
WATKINS, THOMAS. Mechanical Engr., Johnstown, Pa.....	May 18, 1892
WATKINS, W. W. Chemist & Bact., Box 63, R.F.D.5., Norfolk, Va.....	June 5, 1922
WATSON, GEORGE L. Cons. Engr., 150 Nassau St., New York, N. Y.....	Dec. 23, 1921
WATSON, WILLIAM. Supt., Water & Light Dept., City Hall, Owensboro, Ky.....	Mar. 8, 1924
WATT, D. M. Mgr. American Water Works & Elec. Co., 50 Broad St., New York, N. Y.....	Apr. 23, 1924
WATT, H. E. Supt. Huntington Water Corp., Huntington, W. Va.....	Aug. 13, 1924
WATTS, H. T., C.E. Supt. Wtr. Sup. Co., Box 107, Vincennes, Ind.....	July 7, 1920
WEBB, S. W. Dist. Mgr. Consumers Power Co., Cadillac, Mich.....	Jan. 8, 1921
WEBER, JOSEPH J. 344 Washington Rd., Sayreville, N. J.....	May 7, 1924
WEBSTER, EDWIN ROLAND. Cons. Engr., Webster Bldg., 327 S. LaSalle St., Chicago, Ill.....	Jan. 11, 1916
WEGMAN, EDWARD. Cons. Engr., 14 Morris Crescent, Yonkers, N. Y.....	June 11, 1902
WEIDLEIN, E. R. Mellon Institute of Industrial Research, Thackeray & O'Hara Sts., Pittsburgh, Pa.....	June 26, 1924
WEIR, W. V. 6600 Delmar Blvd., University City, Mo.....	July 14, 1924
WELLS, GEORGE M. Consulting Engineer, 61 Broadway, New York, N. Y.....	May 5, 1913
WELLS, JAMES P. Cons. Hyd. Engr., 249 Cutler Bldg., Rochester, N. Y.....	Apr. 10, 1919
WELLS, WILLIAM FIRTH. Biologist & Sanitarian, Conservation Comm., Albany, N. Y.....	Mar. 16, 1922
WELSH, RUSSELL DUTTON. 919 W. Lenoir St., Raleigh, N. C.	July 14, 1923
WENTWORTH, FRANKLIN H. Sect., National Fire Protection Assoc., 40 Central St., Boston, Mass.....	May 28, 1924
WERTZ, CLAUDE F. San. Engr., Engineering Division, Penna. Dept. of Health, Harrisburg, Pa.....	Mar. 25, 1924
WESLEY, J. B. Chemist, Mo. Pacific R. R., 632 Railway Exc. Bldg., Kansas City, Mo.....	Apr. 24, 1922
WEST, CHAS. C. Gen. Mgr., Sayre Water Co., Sayre, Pa.	Dec. 21, 1922
WEST, GEO. F. President, Biddeford and Saco Water Co., Portland, Me.....	July 24, 1911
WEST, GEORGE M. Supt., 182 So. Second St., Lehigh, Pa.	Mar. 17, 1916
WEST, VERNON F. Tres., Rensselaer Water Co., Box 868, Portland, Maine.....	June 19, 1914
WESTON, ROBERT SPURR. Consulting Sanitary Engr., 14 Beacon St., Boston, Mass.....	June 15, 1898
WETTER, CLARENCE H. Supt. Water Works, Tiffin, Ohio....	July 15, 1915
WHEELER, ROBERT C. Barker and Wheeler, 36 State St., Albany, N. Y.....	Oct. 23, 1914

WHEELER, WILLIAM. Consulting Civil Engr., 14 Beacon St., Boston, Mass.....	July 10, 1906
WHIPPLE, GEORGE C. Cons. Engr., Pierce Hall, Harvard University, Cambridge, Mass.....	June 7, 1904
WHIPPLE, MELVILLE C. Instructor in Sanitary Chemistry, 112 Pierce Hall, Cambridge, Mass.....	May 13, 1922
WHITE, CHARLES H. Supt. Water Dept., Box 744, Asbury Park, N. J.....	May 28, 1924
WHITE, GILBERT C., C.E. Durham, N. C.....	May 12, 1908
WHITE, HENRY M. Supt., Water Works, Oneida, N. Y.....	May 24, 1922
WHITE, I. A. Superintendent Water Works, Bessemer City, N. C.....	Dec. 8, 1923
WHITEHOUSE, ORVILLE M. Supt. Filtn. Dutchess Bleachery, Wappingers Falls, N. Y.....	Apr. 3, 1919
WHITLOCK, C. M. Supt. City Wtr. and Lt. Dept., Mt. Airy, N. C.....	June 13, 1921
WHITMAN, EZRA B. Civil and Sanitary Engr., 1828 Munsey Bldg., Baltimore, Md.....	Apr. 19, 1910
WHITLEY, L. G. 408 S. Tarboro St., Wilson, N. C.....	May 28, 1924
WHITSIT, LAWRENCE C. City Engineer, 110 California Ave., Highland Park, Mich.....	May 7, 1917
WHITTAKER, H. A. Director, Division of Sanitation, State Board of Health, Minneapolis, Minn.....	June 24, 1913
WIDENHOUSE, E. A. Water & Light Dept., Albemarle, N. C.....	Dec. 8, 1923
WIEGHARDT, GEO. F., C.E. Tech. Advisor & Bus Mgr. of Schools, Madison & Lafayette Aves., Baltimore, Md...	Mar. 25, 1924
WIETERS, A. H. State San. Engr., Waubay, S. D.....	Nov. 14, 1921
WIGGIN, THOMAS H. Cons. Engr., 50 Church St., New York, N. Y.....	May 24, 1922
WIGHT, H. C. P. O. Box 968, Dayton, Ohio.....	May 12, 1915
WIGLEY, CHESTER G., C.E. 66 Pierson Road, Maplewood, N. J.....	Apr. 27, 1910
WILBUR, C. C. Asst. Engr. Minneap. Wtr. Dpt., 1229 Thomas Ave., N., Minneapolis, Minn.....	Feb. 20, 1924
WILCOX, CLARK L. Treas., Pitt Construction Co., 6956 Thomas Blvd., Pittsburgh, Pa.....	June 28, 1924
WILCOX, FRANK L. Cons. Engr., Chemical Building, St. Louis, Mo.....	Apr. 28, 1914
WILCOX, WILLIAM F., M.E. 1206 Fourth National Bank Bldg., Atlanta, Ga.....	Sept. 5, 1893
WILHELM, E. G. Secty-Treasr., Williamsport Water Co., Williamsport, Pa.....	Feb. 15, 1917
WILHELM, GEORGE. Chief Engr. East Bay Water Co., Oakland, Cal.....	Mar. 25, 1913
WILL, CHARLES K. Supt. Water Works, 118 S. Queen St., Lancaster, Pa.....	Feb. 19, 1916
WILLARD, ERNEST C., C.E. 307 Corbett Bldg., Portland, Ore...	Oct. 10, 1914
WILLCOMB, GEORGE E. San. Engr., 12 So. Lyons Ave., Albany, N. Y.....	Apr. 7, 1922
WILLETT, J. F. Supt. City Water Dept., Billings, Mont.....	Apr. 28, 1915
WILLETT, WILLIAM N. Genl. Mgr. Murphysboro Wtr. Wks., Elect. and Gas. Light Co., Aurora, Ill.....	Sept. 21, 1918
WILLIAMS, D. M. Assistant Engr., c/o Wm. M. Piatt, Durham, N. C.....	May 18, 1923
WILLIAMS, GARDNER S. Cons. Engr., Cornwell Bldg., Ann Arbor, Mich.....	July 10, 1906
WILLIAMS, HOWARD L. Supt. Water Works, Ludington, Mich.	Aug. 24, 1894
WILLIAMS, W. D. Supt. Water & Lights, State Hospital, Goldsboro, N. C.....	Apr. 23, 1924
WILLIAMSON, D. CHARLES. 5 Orchard St., Bernardsville, N. J.	Jan. 16, 1923

WILLIAMSON, JAMES E. Cons. Engr., 39 Cortland St., New York, N. Y.	Jan. 20, 1921
WILLIAMSON, LEE H. Williamson, Carrol & Saunders, Natl. Bank Bldg., Charlottesville, Va.	May 5, 1922
WILLSON, WILLIAM JAY. Supt. Water Works, Greenwich, Conn.	June 7, 1916
WILSON, I. E. Wtr. Commissioner, City Hall, Faribault, Minn.	Sept. 21, 1922
WILSON, JESSE H., C.E. City Engineer, Idaho Falls, Ida.	July 31, 1924
WILSON, JOHN. 300 First Natl. Bank, Duluth, Minn.	Dec. 22, 1909
WILSON, NORMAN MCLEOD RAMSAY. Chf. Engr., Water Comrs., Brantford, Ont., Canada.	Dec. 26, 1919
WILSON, O. L., Jr. Supt., Water Department, Smithfield, N. C.	Dec. 8, 1923
WILSON, RODNEY C. Supt. Water Works, Rockford, Ill.	June 13, 1921
WILSON, WILLIAM. Civ. and Cons. Engr., 209 Lincoln Ave., Youngstown, O.	Dec. 16, 1919
WINGFIELD, NISBET. Consulting Engr., Augusta, Ga.	Dec. 9, 1910
WINSLOW, C.-E. A. Yale Medical School, New Haven, Conn.	Jan. 30, 1915
WINSLOW, W. H. Vice Prest. Superior W., Lt. and Pr. Co., Superior, Wis.	June 8, 1909
WINSOR, FRANK E. Chief Engr. Water Sup. Bd., 661 Westminster St., Providence, R. I.	Jan. 26, 1924
WINTERMUTE, FRED C., C.E. 404 Second National Bank Bldg., Wilkes Barre, Pa.	Dec. 16, 1922
WINTGENS, PETER J. Supt. Wtr. Wks., 1201 Fifth Ave., Ford City, Pa.	May 23, 1923
WOLBERT, H. E. Supt. Bd. of Water Supply, Mount Vernon, N. Y.	May 26, 1916
WOLF, H. CARL. Chief Engr. Public Serv. Comm., 1724 Munsey Bldg., Baltimore, Md.	Feb. 27, 1924
WOLFE, EDWARD E. Chemist, Water Dept., Hannibal, Mo.	Apr. 24, 1922
WOLFE, NELSON B., V.P. Geo. A. Johnson Co., 150 Nassau St., New York, N. Y.	Mar. 12, 1924
WOLFE, THOMAS F. Resrch. Engr., Cast Iron Pipe Pub. Bur. 566 Peoples Gas Bldg., Chicago, Ill.	Mar. 16, 1922
WOLMAN, ABEL. San. Engr., 16 West Saratoga St., Baltimore, Md.	Mar. 11, 1918
WOLTMAN, J. J., C.E. 225 Unity Bldg., Bloomington, Ill.	May 20, 1923
WOOD, CHARLES R. Melrose Park, Philadelphia, Pa.	May 28, 1924
WOOD, LEONARD P. Asst. Engr., Board of Water Sup. of N. Y. C., 2217 Municipal Bldg., New York, N. Y.	Mar. 5, 1924
WOODS, HARLAND CLARK. 442 Grove St., E. Lansing, Mich.	Aug. 14, 1919
WOOLFOLK, HENRY E. Supt. Water Works, Danville, Ky.	May 22, 1912
WOOLLEY, JAMES. Meter Laboratory Chf., 135 4th St., Newark, N. J.	June 21, 1920
WOOLNOUGH, FREDERICK, J. Designing Engineer, 392-8th St., Brooklyn, N. Y.	Apr. 14, 1924
WORRELL, M. L. Engr. and Mgr. City Wtr. Wks., Vicksburg, Miss.	June 24, 1903
WORTH, A. M. Supt., Filtration, c/o Water & Light Dept., Statesville, N. C.	Apr. 23, 1924
WRIGHT, E. L. Superintendent, Municipal Water Works, Orland, Glenn Co., Calif.	June 20, 1922
WRIGHT, JAS. Supt., Dundas Water Works, Dundas, Ont., Canada.	Apr. 29, 1924
WRIGHT, JOHN G. Engr. and Filter Operator, 312 Lincoln St., Sayre, Pa.	June 30, 1922
WRIGHT, STANLEY HUBERT. Hyd. Engr., Gilbert C. White Co., P. O. Box 24, Henderson, N. C.	July 13, 1923

WYANT, CARL. Resident Egr., Montecito County Water Dist., 29 San Ysido Rd., Santa Barbara, Calif.....	Mar. 5, 1924
WYCKOFF, CHARLES RAPELYE. Cons. Engr., 150 Nassau St., New York, N. Y.....	Apr. 2, 1918
WYCKOFF, NORMAN R. c/o Dept. of Water Supply, Detroit, Mich.....	Sept. 11, 1923
WYNNE-ROBERTS, R. O. 102 St. James Chambers, 88 Church St., Toronto, Ont., Canada.....	June 24, 1903
YOBST, CHAS. B. Supt., Cons., 1804 Lombard St., Fort Wayne, Ind.....	Mar. 6, 1923
YOUNCE, W. L. Superintendent City Water & Light Plant, Newcastle, Ind.....	July 1, 1924
YOUNG, C. H. Asst. Eng., Bureau of Engineering, Penna. Dept. of Health, Harrisburg, Pa.....	May 28, 1924
YOUNG, T. L. Mgr. South Side Water Works Co., Chester, W. Va.....	June 13, 1921
YOUNG, WM. R. Registrar Water Works, City Hall, Minne- apolis, Minn.....	June 8, 1904
ZEHR, VRATISLAV ADOLPH, M.E., C.E. Cons. Engr., Brandys Labe, Czechoslovakia.....	Apr. 1, 1918
ZELL, T. H. Superintendent Water Dept., Xenia, Ohio.....	May 23, 1923
ZIMMERLIN, HARRY F. Supt. of Water, Lyons, N. Y.....	June 3, 1921



## CORPORATE MEMBERS

AGUA PURA Co. 701 Douglas Ave., East Las Vegas, N. M..	May 24, 1909
ALEXANDRIA WATER Co. Alexandria, Va.....	Apr. 3, 1909
ALLENTOWN WATER DEPARTMENT. City Hall, Allentown, Pa...	May 31, 1922
AMERICAN WATER WORKS AND ELECTRIC Co., INC. Mr. H. Hobart Porter, Prest., 50 Broad St., New York, N. Y....	June 24, 1915
ANACONDA COPPER MINING Co. Water Works Dept., Ana- conda, Mont.....	June 4, 1910
ANN ARBOR WATER WORKS COMMISSION. City Hall, Ann Arbor, Mich.....	Apr. 14, 1919
APPLETON WATER COMN. City Hall, Appleton, Wis.....	Aug. 23, 1921
ASHLAND WATER COMMISSION. E. C. Means, Chairman, Ashland, Ky.....	Apr. 10, 1923
ASHTABULA WATER SUPPLY Co., A. T. Faulkner, Manager, Ashtabula, Ohio.....	Mar. 5, 1924
AUBURN WATER DEPARTMENT. Auburn, New York.....	Mar. 8, 1911
BATON ROUGE WATER WORKS Co. Baton Rouge, La.....	Apr. 13, 1914
BEAR GULCH WATER COMPANY, Menlo Park, Calif.....	Nov. 14, 1922
BENICIA WATER Co. J. A. Wilcox, Chf. Engr., 603 Wells Fargo Bldg., San Francisco, Cal.....	May 29 1920
BIRMINGHAM WATER Co. 22 Elizabeth St., Derby, Conn.....	May 26, 1909
BISBEE-NACO WATER COMPANY, P. O. Box 1159, Bisbee, Ariz..	Sept. 8, 1924
BRAMPTON WATER COMMISSION. Brampton, Ont., Canada...	Feb. 28, 1923
BRANTFORD WATER COMMISSIONERS. Brantford, Ont., Canada	May 15, 1914
BUFFALO, Bureau of Water, 2 Municipal Bldg., Buffalo, N. Y.....	June 9, 1921
CANTON WATER WORKS. City Hall, Canton, Ill.....	Oct. 14, 1914
CHARLESTON COMMISSIONERS OF PUBLIC WORKS, 14 George St., Charleston, S. C.....	May 23, 1912
CHATHAM, ONT., BOARD OF WATER COMMISSIONERS. C. R. H. Fuller, City Mgr., Chatham, Ont., Canada.....	Feb. 16, 1924
CITIZENS WATER SUPPLY Co. Elmhurst, Long Island, N. Y.	Jan. 30, 1911
COLUMBIA WATER AND LIGHT Co. Columbia, Tenn.....	Apr. 30, 1918
CONNECTICUT STATE DEPT. OF HEALTH. 8 Washington Street, Hartford, Conn.....	Sept. 6, 1924
CONSERVATIVE WATER Co. 8619 Fir St., Los Angeles, Cal....	Nov. 3, 1919
CORNING WATER WORKS. Corning, N. Y.....	Apr. 9, 1913
DAVENPORT WATER Co. Davenport, Iowa.....	July 7, 1919
DAYTON POWER & LIGHT Co. 130 North South St., Att'n H. I. Fox, Supt., Wilmington, Ohio.....	Feb. 16, 1924
DELAVAN WATER COMMN. O. W. Blanchard, Supt., Delavan, Wis.....	June 10, 1923
DEMING WATER DEPT. Deming, N. Mex.....	May 21, 1919
DOVER WATER COMMISSIONERS. Jos. V. Baker, Clerk, Dover Morris Co., N. J.....	May 22, 1918
DUBUQUE CITY WATER WORKS. J. W. McEvoy, Supt., Dubuque, Ia.....	May 13, 1919
DUNBAR WATER Co. Dunbar, W. Va.....	Mar. 19, 1924

EAGLES MERE WATER Co. 330 Pine St., Williamsport, Pa....	Apr. 10, 1914
EAST BAY WATER Co. Oakland, Cal.....	June 24, 1915
EAST ORANGE BOARD OF WATER COMMISSIONERS. Paul C. Carey, President, East Orange, N. J.....	Aug. 14, 1909
ELMIRA WATER BOARD. Elmira, N. Y.....	Mar. 11, 1915
EMPORIA WATER DEPARTMENT. City Bldg., Emporia, Kans..	Jan. 16, 1924
ERIE COMMISSIONERS WATER WORKS. 701 French St., Erie, Pa.	May 31, 1911
EVANSVILLE WATER WORKS. Evansville, Ind.....	May 7, 1909
FEDERAL LIGHT AND TRACTION Co. 52 William St., New York, N. Y.....	Mar. 8, 1920
FOND DU LAC CITY WATER DEPT. J. J. Breister, Supt., Fond du Lac, Wis.....	May 22, 1919
GLEN RIDGE WATER DEPARTMENT. William Dewar, Supt., Glen Ridge, N. J.....	Oct. 27, 1922
GLENDALE, CALIF., PUBLIC SERVICE DEPT. 575 Broadway, Glendale, Calif.....	Dec. 24, 1914
GLENS FALLS BOARD OF WATER COMMISSIONERS. Glens Falls, N. Y.....	Oct. 24, 1918
GRAND RAPIDS DEPARTMENT OF PUBLIC SERVICE. Grand Rapids, Mich.....	Feb. 14, 1913
GREEN BAY WATER DEPT. James Church, Supt., Green Bay, Wis.....	Nov. 3, 1914
GRIFFIN LIGHT, WATER & SEWERAGE DEPT. Griffin, Georgia.	Feb. 16, 1924
GUELPH WATER WORKS DEPT. Mr. G. D. Hastings, City Mgr., City Hall, Guelph, Canada.....	Mar. 25, 1924
HOPKINSVILLE WATER Co. Hopkinsville, Ky.....	Apr. 23, 1915
HOT SPRINGS WATER Co. Hot Springs, Ark.....	Mar. 8, 1920
IDAHO SURVEYING & RATING BUREAU. P. O. Box 1059, Boise, Idaho.....	Feb. 9, 1924
ILION BOARD OF WATER COMMISSIONERS. Ilion, N. Y.....	Mar. 31, 1924
ILLINOIS INSPECTION BUREAU. 37 South Wabash Ave., Chicago, Ill.....	Jan. 30, 1924
ILLINOIS POWER & LIGHT CORP. Compton Bldg., St. Louis, Mo.....	Mar. 26, 1920
INDUSTRIAL SERV. CORP. of VA. Hopewell, Va.....	Feb. 22, 1922
INTERSTATE PUBLIC SERVICE Co. New Albany, Ind.....	Feb. 10, 1910
IRONWOOD WATER DEPT. Dow I. Sears, Ironwood, Mich.....	May 17, 1923
KANSAS CITY WATER COMMISSION. City Hall, Kansas City, Mo.....	Feb. 8, 1915
KENNEBEC WATER DIST. Mr. George K. Boutelle, Treas., Waterville, Maine.....	May 12, 1908
KENTUCKY STATE BOARD OF HEALTH. F. C. Dugan, Dctr. Bur. San. Eng., 532 W. Main St. Louisville, Ky.....	Feb. 5, 1915
KENTUCKY UTILITIES Co., Marion E. Taylor Bldg., Louisville, Ky.....	Feb. 13, 1924
KEYSER, CITY OF. L. R. Warner, City Clerk, 64 N. Mineral St., Keyser, W. Va.....	Feb. 20, 1924
KINGSFORT UTILITIES, INC., Kingsport, Tenn.....	Sept. 18, 1921
KITCHENER WATER COMMISSION. Kitchener, Canada.....	Feb. 17, 1920
KNOXVILLE WATER DEPT. Knoxville, Tenn.....	May 23, 1923
LAKE CHARLES RAILWAY, LIGHT AND WATER WORKS Co. Lake Charles, La.....	Apr. 29, 1910
LANETT COTTON MILL. M. R. Wallis, West Point, Georgia...	Mar. 1, 1924
LEWISTOWN-REEDSVILLE WATER Co. Lewistown, Pa.....	May 14, 1922

LINCOLN CITY WATER AND LTG. DEPT. City Hall, Lincoln, Neb.....	Mar. 6, 1919
LOCKPORT BOARD OF WATER COMMISSIONERS. Lockport, N. Y.....	Apr. 9, 1924
LONDON. CANADA, PUBLIC UTILITIES COMMISSION. London Canada.....	Apr. 9, 1909
LORAIN WATER WORKS. Lorain, Ohio.....	July 14, 1916
LOS ANGELES BUREAU OF WATER WORKS AND SUPPLY. Box 497, Los Angeles, Calif.....	Apr. 18, 1910
LOUISVILLE WATER CO. 435 So. Third St., Louisville, Ky.....	Apr. 9, 1909
MAHONING VALLEY WATER CO. Jas. J. McNally, Scty. and Tr., Youngstown, Ohio.....	July 26, 1916
MALMO BYGGNADSKONTOR. Alfred Jerden, Chf. Engr., Malmo, Sweden.....	July 23, 1921
MARION WATER CO. George Whysall, Supt. Marion, Ohio....	Mar. 3, 1917
MASSILLON WATER SUPPLY CO. Watson A. Dark, Supt., Massillon, O.....	June 8, 1921
MEIGS WATER CO. C. M. Herminy, Gen. Mgr., Middleport, Ohio.....	Feb. 23, 1924
MEMPHIS BOARD OF WATER COMMISSIONERS. Memphis, Tenn.	Apr. 2, 1909
METROPOLN. BD. WATER SUPPLY AND SEWAGE. 341 Pitt St., Sydney, N. S. W.....	Aug. 31, 1909
METROPOLITAN UTILITIES DISTRICT. Omaha, Neb.....	Apr. 28, 1912
MICHIGAN STATE BOARD OF HEALTH Lansing, Mich.....	July 13, 1917
MIDDLETOWN WATER WORKS. J. Warren Mylchreest, Middletown, Conn.....	June 8, 1921
MILLVILLE WATER CO. Millville, N. J.....	Jan. 11, 1916
MINNEAPOLIS COMMITTEE ON WATER WORKS. Wm. R. Young, Registrar, Minneapolis, Minn.....	June 17, 1920
MINNESOTA GENERAL INSPECTION BUREAU. Lock Drawer 1746, Minneapolis, Minn.....	Feb. 9, 1924
MOLINE WATER DEPARTMENT, City Hall, Moline, Ill.....	Jan. 29, 1916
MOUNT CARMEL WATER CO. Mount Carmel, Pa.....	May 7, 1904
MOUNT HOLLY WATER CO. Mount Holly, N. J.....	Apr. 30, 1924
MUSCATINE WATER TRUSTEES. Muscatine, Ia.....	May 9, 1921
NEW JERSEY DEPT. CONSERVATION AND DEVELOPMENT. H. T. Critchlow, H. E., State House, Trenton, N. J....	Jan. 26, 1922
NORTHAMPTON CONSOLIDATED WATER CO. 102 So. 3rd St., Easton, Pa.....	Dec. 5, 1915
OHIO INSPECTION BUREAU. Hartman Bldg., Columbus, Ohio.	Jan. 30, 1924
OSWEGO DEPARTMENT OF WATER. Oswego, N. Y.....	June 1, 1921
OSWEGO WATER WORKS CO. Oswego, N. Y.....	Apr. 16, 1914
PENNICHUCK WATER WORKS. 11 High St., Nashua, N. H....	Oct. 30, 1914
PETERBOROUGH UTILITIES COMMISSION. R. L. Dobbin, Waterworks Superintendent, 622 George St., Peterborough, Ont., Canada.....	May 2, 1911
PINE BLUFF CO. J. L. Longino, Secty., Pine Bluff, Ark....	May 18, 1904
PORTLAND DEPT. OF PUBLIC UTILITIES. Room 302, City Hall, Portland, Ore.....	Dec. 17, 1917
POUGHKEEPSIE BOARD OF PUBLIC WORKS. Water Department, Poughkeepsie, N. Y.....	Dec. 11, 1922
PUBLIC SERVICE CO. OF NO. ILL. 72 W. Adams St., Chicago, Ill.	June 10, 1911
PUBLIC UTILITIES CO., THE. Carlsbad, N. Mex.....	Feb. 27, 1924
QUINCY WATER WORKS COMMISSION. 314 Maine St., Quincy, Ill.....	Apr. 4, 1924

RAYMOND, WASH., WATER DEPARTMENT. L. D. Kelsey, City Engr., Raymond, Wash.....	Apr. 2, 1923
REGINA, SASK., WATERWORKS DEPARTMENT. City Hall, Regina, Sask., Canada.....	Apr. 4, 1924
ROME, N. Y., DEPARTMENT OF PUBLIC WORKS. Bureau of Water, Rome, N. Y.....	Apr. 25, 1922
SAGINAW WATER DEPT. Saginaw, Mich.....	Apr. 12, 1904
SALT LAKE CITY WTR. DEPT. H. K. Burton, Supt., Salt Lake City, Utah.....	Feb. 17, 1920
SAN JOSE WATER CO. San Jose, Cal.....	Apr. 21, 1913
SANDUSKY, OHIO. O. F. Schoepfle, Filtration Plant, Meigs St., Sandusky, Ohio.....	June 9, 1921
SANTA FE WATER & LIGHT CO. Edgar L. Street, V. P., Santa Fe, New Mex.....	Mar. 12, 1924
SCRANTON GAS AND WATER CO. 135 Jefferson Ave., Scranton, Pa.....	June 3, 1912
SEA BREEZE & VICINITY WTR. COMN. Henry Fleig, Sect., Point Pleasant, Monroe Co., N. Y.....	Feb. 23, 1920
SHARON WATER WORKS CO. 24 So. Dock St., Sharon, Penna..	Apr. 10, 1922
SHEBOYGAN BOARD OF WATER COMNRS. City Hall, Sheboygan, Wis.....	June 21, 1920
SHENANDOAH, COMMISSIONERS OF WATER WORKS. C. Pavitt, Secy., 101 S. Jardin St., Shenandoah, Pa.....	May 19, 1924
SHERRILL-KENWOOD WATER COMMISSION. Stephen R. Leonard, Chairman, Kenwood, Oneida, N. Y.....	Apr. 24, 1921
SPOKANE, WASH., SUPERINTENDENT WATER DIVISION. Room 303, City Hall, Spokane, Wash.....	Apr. 5, 1912
ST. LAWRENCE WATER CO. Massena, N. Y.....	Apr. 4, 1924
ST. MARY'S ONT., BOARD OF WATER LIGHT & HEAT COMN. Box 333, St. Mary's Ont., Canada.....	Nov. 3, 1919
ST. THOMAS WATER COMMISSIONERS. St. Thomas, Ont., Canada.....	Apr. 11, 1909
STOCKTON WATER CO. 315 Market St., Camden, N. J.....	Jan. 11, 1918
SUBURBAN WATER CO. OF ALLEGHENY COUNTY. Verona, Pa....	Apr. 10, 1909
SYRACUSE BUREAU OF WATER. Syracuse, N. Y.....	Jan. 16, 1923
TAXPAYERS MUNICIPAL WATER WORKS. Creston, Iowa.....	May 10, 1909
TOPEKA CITY WATER & LIGHT DEPT. Topeka, Kans.....	Mar. 12, 1924
TORONTO, OHIO, BOARD OF PUBLIC AFFAIRS. J. B. Thompson, Supt., Toronto, Ohio.....	Feb. 23, 1924
TOTOWA, BOROUGH OF. Totowa, N. J.....	Oct. 20, 1920
TRENTON WATER WORKS. Trenton, N. J.....	May 8, 1909
TROTTER WATER CO. C. L. Farson, Supt., Uniontown, Pa...	July 26, 1921
TROY BUREAU OF WATER. William F. End, Troy, N. Y.....	May 28, 1924
TRUCKEE RIVER POWER CO. Reno, Nev.....	Feb. 4, 1913
URBAN WATER SUPPLY CO. Maurice and Borden Ave., Masspeth, L. I.....	Oct. 20, 1912
UTRECHTSCHIE WATERLEIDING. Maatschappij, Utrecht, 15 Predikheerenkerkhof, Holland.....	Nov. 9, 1922
VALLEJO CITY WATER DEPT. Alf E. Edgcumbe, City Clerk, City Hall, Vallejo, Calif.....	June 11, 1924
VINTON-ROANOKE WATER CO. Francis W. Collins, Cons. Engr., 452 Lexington Ave. Gr. Cent. Term., New York, N. Y.....	Dec. 3, 1904
WACO WATER WORKS. 617 Washington Ave., Waco, Texas...	Apr. 16, 1910
WAHIAWA WATER CO., Ltd. Wahiawa, Oahu, T. H.....	Apr. 20, 1923

WATERTOWN WATER WORKS. Watertown, N. Y.....	June 8, 1909
WELLAND BOARD OF WATER COMN. C. R. Hagan, Chmn., Welland, Ont., Canada.....	May 7, 1920
WEST CHESTER, BOROUGH OF. West Chester, Pa.....	June 15, 1922
WEST NEWTON WATER CO. West Newton, Pa.....	May 24, 1922
WEST VIRGINIA UTILITIES CO. Morgantown, W. Va.....	Feb. 23, 1924
WEST VA. WATER AND ELECTRIC CO. A. C. Babson, V. P. and Gl. Mgr., Charleston, W. Va.....	Sept. 4, 1911
WESTERN NEW YORK WATER CO. 704 Electric Building, Buffalo, N. Y.....	Apr. 15, 1913
WHITBY PUBLIC UTILITY COMMISSION. Attn's George W. P. Every, Supt., Municipal Waterworks Dept., Whitby, Ont., Canada.....	Feb. 23, 1924
WHITE DEER MOUNTAIN WATER CO. 114 So. Front St., Milton, Pa.....	May 5, 1914
WHITE PLAINS DEPT. OF PUBLIC WKS. Wm. H. Lyon, Comr. in charge of Water Works, White Plains, N. Y.....	July 31, 1916
WILLIAMSPORT WATER CO. 330 Pine St., Williamsport, Pa....	Apr. 15, 1907
WINDSOR WATER COMMISSIONERS. Windsor, Ont.....	Feb. 19, 1923
WINNETKA, VILLAGE OF. Winnetka, Ill.....	June 21, 1909
WINONA BOARD OF MUNICIPAL WORKS. Winona, Minnesota.	Dec. 11, 1922
YOUNGSTOWN CITY WATER DEPT. H. F. Kaercher, Supt., Youngstown, O.....	June 10, 1919



## ASSOCIATE MEMBERS

ACKER, WILLIAM L. Mech. Engr., 725 W. Lackawanna Ave., Scranton, Pa.....	Apr. 23, 1924
ADAMS, LEE F. El. Engr., Pwr. and Mng. Eng. Dept., Gen- eral Electric Co., Schenectady, N. Y.....	June 1, 1921
ALLIS-CHALMERS MFG. Co. Milwaukee, Wis.....	June 24, 1905
AMBURSEN CONSTRUCTION Co., INC. Grand Central Terminal Bldg., New York, N. Y.....	Jan. 29, 1921
AMERICAN BRASS Co. Sales Dept., Waterbury, Conn.....	Aug. 10, 1922
AMERICAN CAST IRON PIPE Co. Birmingham, Ala.....	July 18, 1907
AMERICAN CITY. 443 Fourth Ave., New York, N. Y.....	May 25, 1918
AMERICAN FOUNDRY AND MFG. Co. 10th, 11th, Hebertt and Wright Sts., St. Louis, Mo.....	May 12, 1908
AMERICAN MANGANESE BRONZE Co. Holmesburg, Philadel- phia, Pa.....	May 9, 1916
AMERICAN PIPE AND CONSTN. Co. 112 N. Broad St., Philadelphia, Pa.....	May 1, 1909
AMERICAN STEEL AND WIRE Co. Chemical and Color Dept., 208 South LaSalle St., Chicago, Ill.....	June 24, 1903
AMERICAN WATER SOFTENER Co. Lehigh Ave. & Fourth St., Philadelphia, Pa.....	July 14, 1923
AMERICAN WELL WORKS. Aurora, Illinois.....	Mar. 21, 1923
AMERICAN ZEOLITE CORP. East 11th St. & Fifth Ave., Paterson, N. J.....	May 28, 1924
ARNOLD, HOFFMAN AND CO., INC. 18th Floor, 350 Madison Ave., New York, N. Y.....	Nov. 21, 1913
ART CONCRETE WORKS. Mfrs. Meter Boxes, P. O. Box 417, Pasadena, Cal. ....	Dec. 13, 1920
AUTOMATIC PRIMER Co. F. H. Bradford, Pres., 111 W. Wash- ington St., Chicago, Ill.....	Apr. 4, 1924
BABCOCK AND WILCOX Co. J. B. Romer, Chemist, Bayonne, N. J.....	May 28, 1924
BADGER METER MFG. Co. 841-7 Thirtieth St., Milwaukee, Wis.....	June 8, 1904
BAYARD, M. L. Prest., 20th St. & Indiana Ave., Phila- delphia, Pa.....	Mar. 31, 1922
BIRCH MANUFACTURING Co. 1521-1523 Sedgwick St., Chi- cago, Ill.....	May 11, 1916
BOURBON COPPER AND BRASS WORKS Co. 618 E. Front St., Cincinnati, Ohio.....	Apr. 17, 1884
BOWLER FOUNDRY Co. 1688 Columbus Road, Cleveland, Ohio.....	July 6, 1922
BUCKEYE TRACTION DITCHER Co. C. D. Royce, Sales & Avd. Mgr., Findlay, Ohio.....	May 26, 1920
BUFFALO METER Co. 2917 Main St., Buffalo, N. Y.....	June 27, 1905
BUILDERS IRON FOUNDRY, 9 Coddling St., Providence, R. I...	June 18, 1901
BYERS, A. M., Co. 235 Water St., Pittsburgh, Pa.....	June 15, 1921
"CANADIAN ENGINEER." Church and Court Sts., Toronto, Ont., Can.....	May 31, 1916
CENTRAL FOUNDRY Co. Liggett Bldg., 41 E. 42nd St., New York, N. Y.....	June 24, 1903

CHAIN BELT Co. R. A. Corbett, Sales Dept., Milwaukee, Wis.....	Apr. 10, 1920
CHAPMAN VALVE MFG. Co. Indian Orchard, Mass.....	Apr. 16, 1884
CHASE METAL WORKS. 236 Grand Street, Waterbury, Conn.	Sept. 21, 1922
CHICAGO BRIDGE AND IRON Co. 608 South Dearborn St., Chicago, Ill.....	June 15, 1908
CLARK, H. W., Co. 115 South 17th St., Mattoon, Ill.....	May 12, 1908
CLOW, J. B., AND SONS, Harrison and Franklin Sts., Chicago, Ill.....	Apr. 27, 1885
COCHRANE CORPN.—H.S.B.W. 3146 N. 17th St., Philadelphia, Pa.....	May 2, 1922
COFFIN VALVE Co., Neponset, Mass.....	May 21, 1922
COHOES ROLLING MILL Co. Canvass and Cortland Sts., Cohoes, N. Y.....	Jan. 2, 1924
COLDWELL-WILCOX Co. Newburgh, N. Y.....	Apr. 17, 1914
COLORADO FUEL AND IRON Co. Denver, Colo.....	June 7, 1897
COLUMBIAN IRON WORKS. Chattanooga, Tenn.....	Apr. 4, 1910
CONOVER AND PHILLIPS. Specialists in Water Securities, 141 Broadway, New York, N. Y.....	June 13, 1924
COOK, A. D., INC. Manufacturer of Deep Well Pumps and Strainers, Lawrenceburg, Ind.....	June 14, 1914
COPPER AND BRASS ASSOC. Wm. G. Schneider, 25 Broadway, New York, N. Y.....	Aug. 28, 1923
DARLING VALVE AND MAN'FG. Co. Williamsport, Penna.....	May 12, 1908
DAYTON-DOWD Co. Quincy, Ill.....	July 5, 1922
DE LAVAL STEAM TURBINE Co. H. L. Watson, Sales Mgr., Trenton, N. J.....	Nov. 23, 1917
DIGESTIVE FERMENTS Co. 920 Henry St., Detroit, Mich.....	Mar. 26, 1923
DIXON, JOSEPH, CRUCIBLE Co. Jersey City, N. J.....	May 8, 1915
DONALDSON IRON Co. Emaus, Lehigh Co., Pa.....	Nov. 23, 1917
DRAVO-DOYLE Co. J. D. Berg, Vice-Prest., Diamond Bank Bldg., Pittsburgh, Pa.....	May 12, 1914
DRESSER, S. R., MFG. Co. Mfr. Pipe Couplings and Sleeves, Bradford, Pa.....	June 7, 1904
DRUMMOND, MCCALL AND Co., LTD. Toronto, Ont., Canada.	Mar. 5 1921
DU PONT DE NEMOURS, E. I. & Co. W. E. Donohoe, Sales Mgr., 3500 Grays Ferry Road, Philadelphia, Pa.....	May 12, 1908
EAST JERSEY PIPE Co. 7 Dey St., New York, N. Y.....	July 10, 1906
EDSON MANUFACTURING CORP. 375 Broadway, Boston '11', Mass.....	Mar. 21, 1923
EDDY VALVE Co. Waterford, N. Y.....	June 26, 1886
ELECTRO BLEACHING GAS Co., 9 E. 41st St., New York, N. Y..	Qpr. 2, 1913
ELECTROLYTIC CHLORINE Co. Albert M. Williams, Pres., 5730 Virginia St., Kansas City, Mo.....	June 1, 1923
ELLIOTT-FISHER Co. Edw. A. Norman, Sales Mgr., 342 Madison Ave., New York, N. Y.....	Apr. 30, 1923
"ENGINEERING AND CONTRACTING." 221 E. 20th St., Chicago, Ill.....	May 13, 1918
"ENGINEERING NEWS-RECORD." 10th Ave. at 36th St., New York, N. Y.....	May 31, 1918
FARNAN BRASS WORKS Co. 1104 Center St., Cleveland, Ohio..	May 18, 1892
FEDERAL METER Co. 838-844 Fourth Ave., Brooklyn N. Y..	May 23, 1923
"FIRE AND WATER ENGINEERING." 318 W. 39th St., New York, N. Y.....	June 28, 1919
FLEISCHMANN Co. Peekskill, N. Y.....	June 15, 1922
FORD METER BOX Co. Wabash, Ind.....	May 12, 1908

Forni Manufacturing Co., 1377 62nd St., Oakland, Cal....	Aug. 28, 1924
Fox, John, and Co. 233 Broadway, New York City, N. Y....	June 8, 1909
Gamon Meter Co. Newark, N. J.....	May 19, 1920
General Chemical Co. 112 West Adams St., Chicago, Ill....	June 11, 1902
Gillespie, T. A. Chrmn. T. A. Gillespie Co., 7 Dey St., New York, N. Y.....	June 7, 1904
Glamorgan Pipe and Foundry Co. Lynchburg, Va.....	Nov. 6, 1907
Glauber Brass Mfg. Co. Platt Ave. and East 79th St., Cleveland, Ohio.....	May 13, 1914
Grinnell Co., Inc. Cullen L. Korner, Box 336, Charlotte, N. C.....	May 17, 1923
Gurley, W. and L. E. 514 Fulton St., Troy, N. Y.....	Apr. 16, 1919
Hankin, Francis, and Co., Ltd. 598-604 Union Ave., Mon- treal, Canada.....	June 19, 1920
Hays Mfg. Co. Erie, Pa.....	Mar. 15, 1882
Herman Chemical Corp., K. I. Matteson, Cook Co., Ill....	Oct. 24, 1923
Hersey Mfg. Co. South Boston, Mass.....	July 14, 1887
Hooker Electrochemical Co. G. F. Reale, 25 Pine St., New York, N. Y.....	July 7, 1920
Ingersoll, Rand Co. 11 Broadway, New York City.....	Oct. 31, 1922
International Filter Co. 329-337 25th Place, Chicago, Ill...	Nov. 3, 1915
Jenkins Bros., Ltd. 103 St. Remi St., Montreal, Canada...	May 20, 1920
Johnson, Edward E., Inc. 2304 Long Ave., St. Paul, Minn..	May 17, 1922
Jones, James, Co. W. B. Jones, Secty., 201 Leroy St., Los Angeles, Cal.....	Oct. 20, 1921
Kalbfleisch Corporation. 200 Fifth Ave., New York City, N. Y.....	June 8, 1909
Kelly Well Co. 112½ E. Third St., Grand Island, Nebr....	Jan. 7, 1924
Kennedy Valve Mfg. Co. M. E. Kennedy, Treasr., Elmira, N. Y.....	Mar. 24, 1911
Keystone Iron and Steel Works. 2951-3641 Santa Fe Ave., Los Angeles, Cal.....	Jan. 20, 1920
Kraus, Charles E. Pres., Kraus Research Laboratories, Inc., 110 W. 40th St., New York, N. Y.....	June 11, 1924
Lap-Joint Impervious Pipe Co. 591 Washington St., Lynn, Mass.....	May 28, 1924
Layne and Bowler Co. Memphis, Tenn.....	June 5, 1916
Lead Lined Iron Pipe Co. Wakefield, Mass.....	Oct. 5, 1898
Leadite Company, Inc. Land Title Building, Philadelphia, Pa.....	Feb. 10, 1910
Lock Joint Pipe Co. Box 21, Ampere, N. J. ....	Oct. 5, 1915
Ludlow Valve Mfg. Co. Troy, N. Y.....	Mar. 5, 1882
Lynchburg Foundry Co. Lynchburg, Va.....	June 6, 1916
McGowan, John H., Co. Second and Central Ave., Cincinnati, Ohio.....	May 26, 1913
McWane Cast Iron Pipe Co. Birmingham, Ala.....	Apr. 23, 1923
Mabbs Hydraulic Packing Co. 431 So. Dearborn St., Chicago, Ill.....	May 7, 1923
MacLean, Hugh C., Publications, Ltd. Pblr. Trade and Tech. Jls., 347 Adelaide St. W., Toronto, Ont., Canada...	June 2, 1920
Mathieson Alkali Works, Inc. 25 West 43rd St., New York, N. Y.....	Mar. 16, 1920

MICHIGAN VALVE & FOUNDRY Co. 3631 Parkinson Ave., Detroit, Mich.....	June 7, 1919
MODERN IRON WORKS. Quincy, Ill.....	June 27, 1905
MONTAGUE PIPE AND STEEL Co. 803 Hobart Building, San Francisco, Calif.....	Dec. 31, 1922
MORRIS MACHINE WKS. Baldwinsville, N. Y.....	July 31, 1923
MUELLER, Co. Decatur, Ill.....	Mar. 15, 1882
MULTIPLEX MFG. Co. Multiplex Bldg., Berwick, Pa.....	May 7, 1916
MURRAY IRON WORKS Co. Burlington, Iowa.....	Mar. 6, 1923
NATIONAL CAST IRON PIPE Co. E. E. Linthicum, Pres., Birmingham, Ala.....	May 17, 1916
NATIONAL IRON CORPN., LTD. Cherry St., Toronto, Ont.....	Oct. 22, 1921
NATIONAL METER Co. 299 Broadway, New York, N. Y.....	Mar. 15, 1882
NATIONAL SUPPLY Co. E. J. Bissonnette, Salesman, 1321 Prospect Ave., Toledo, O.....	Apr. 10, 1924
NATIONAL TUBE Co. W. L. Schaeffer, 1902 Frick Bldg., Pitts- burgh, Pa.....	May 18, 1921
NATIONAL WATER MAIN CLEANING Co. 50 Church St., New York, N. Y.....	July 10, 1906
NELSON, JOS. E., AND SONS. Contractors, 3240 S. Michigan Ave., Chicago, Ill.....	Sept. 7, 1919
NEPTUNE METER Co. 50 East 42nd St., New York, N. Y.....	Aug. 22, 1894
NEPTUNE METER Co., LTD. 1195-7 King St. West, Toronto, Ont., Canada.....	Apr. 2, 1920
NEWARK BRASS WORKS. 16-22 Lawrence St., Newark, N. J.	May 12, 1923
NORTHERN FIRE APPARATUS Co. 920 18th Ave., N. E., Minneapolis, Minn.....	Mar. 31, 1924
NORWOOD ENGINEERING Co. Florence, Mass.....	May 26, 1919
PARSONS, KLAPP, BRINCKERHOFF & DOUGLAS. Cons. Engrs., 84 Pine St., New York, N. Y.....	July 26, 1922
PAYNE, DEAN, LIMITED. Stamford, Conn.....	Mar. 18, 1921
PENNSYLVANIA SALT MFG. Co. Widener Building, Philadel- phia, Pa.....	June 24, 1903
PERMUTIT Co. 440 Fourth Ave., New York, N. Y.....	Mar. 11, 1914
PITOMETER Co. 50 Church St., New York, N. Y.....	July 10, 1906
PITTSBURGH-DES MOINES STEEL Co. Pittsburgh, Pa.....	Apr. 14, 1914
PITTSBURGH METER Co. Wilkinsburg Branch P. O., Pitts- burgh, Pa.....	June 15, 1898
PITTSBURGH TESTING LABORATORY. P. O. Box 1115, Pitts- burgh, Pa.....	May 8, 1915
PORTLAND CEMENT ASSOCIATION. 111 W. Washington St., Chicago, Ill.....	Oct. 23, 1917
"PUBLIC WORKS." 243 West 39th St., New York, N. Y.....	May 25, 1918
R. U. V. COMPANY. 7 Burritt Ave., South Norwalk, Conn.....	June 6, 1917
RENSSELAER VALVE Co. Troy, N. Y.....	May 12, 1890
RITER CONLEY Co. Box 939, Pittsburgh, Pa.....	June 11, 1924
ROBERTS, CHARLES V. Prest., Roberts Filter Mfg. Co., Darby, Philadelphia, Pa.....	Mar. 23, 1910
ROSS VALVE MFG. Co., INC. Oakwood Ave., Troy, N. Y.....	Apr. 18, 1891
SANITATION CORPORATION. 165 Broadway, New York, N. Y.	Apr. 27, 1915
SAVAGE, W. J., Co. Knoxville, Tenn.....	May 31, 1919
SCOFIELD ENGINEERING Co. 1324 Commercial Trust Bldg., Philadelphia, Pa.....	June 7, 1921
S. E. T. VALVE & HYDRANT Co. 50 Church St., New York, N. Y.....	Apr. 14, 1924

SENTRY METER Co. 2410 First National Bank Bldg., Detroit, Mich.....	May 27, 1924
SIMPLEX VALVE AND METER Co. 5722 Race St., Philadelphia, Pa.....	May 14, 1914
SIMS PUMP VALVE Co. 2 Rector St., New York, N. Y.....	Mar. 23, 1922
SIRCH, C. W. Suite 300-301 Lankersheim Bldg., Los Angeles, Calif.....	Sept. 25, 1923
SMITH, A. P., MFG. Co. East Orange, N. J.....	June 7, 1897
SULLIVAN MACHINERY Co. 122 S. Michigan Ave., Chicago, Ill.....	Mar. 31, 1915
TAYLOR, W. P., Co. 218 Ellicott Square, Buffalo, N. Y.....	Mar. 15, 1882
THOMSON METER Co. 100 Bridge St., Brooklyn, N. Y.....	Apr. 15, 1891
TRAVERSE CITY IRON WORKS. 129 Lake Ave., Traverse City, Mich.....	Apr. 29, 1924
UNION WATER METER Co. 33 Hermon St., Worcester, Mass...	Mar. 15, 1882
UNITED BRASS MFG. Co. 3844 Hamilton Ave., Cleveland, Ohio.....	May 25, 1914
UNITED LEAD COMPANY. 111 Broadway, New York, N. Y.....	May 12, 1908
UNITED STATES CAST IRON PIPE AND FOUNDRY Co. 1421 Chestnut St., Philadelphia, Pa.....	June 11, 1892
VAN GILDER WATER METER Co. Chester & Grant Aves., Pleasantville, N. J.....	Mar. 31, 1924
VOORHEES RUBBER MFG. Co. 20-56 Bostwick Avenue, Jersey City, N. J.....	Jan. 4, 1923
WALLACE AND TIERNAN Co., INC. Box 178, Newark, N. J.....	Apr. 23, 1915
WARREN FOUNDRY AND PIPE Co. 11 Broadway, New York, N. Y.....	Mar. 4, 1911
WATER WORKS EQUIPMENT Co. Rooms 1950-51, 50 Church St., New York, N. Y.....	July 10 1906
WEEKES JOHN, & SON Co. Glenn R. Shriver, Gen. Mgr., 224 Factory St., Watertown, N. Y.....	Apr. 4, 1924
WESTERN PIPE & STEEL Co., OF CALIF. 414 Market St., San Francisco, Calif.....	Aug. 13, 1924
WHITE, J. G., ENG. CORP. 43 Exchange Place, New York, N. Y.....	Mar. 31, 1921
WOOD, R. D. AND Co. 400 Chestnut St., Philadelphia, Pa...	Apr. 16, 1884
WORTHINGTON PUMP AND MACH'Y CORP. 115 Broadway, New York, N. Y.....	June 18, 1901
WYCKOFF A., AND SON Co. Elmira, N. Y.....	July 18, 1907



## GEOGRAPHICAL DISTRIBUTION

### ALABAMA

Active 9; Associate 3; Total 12

#### ACTIVE

**Alexander City:** Robinson.  
**Birmingham:** Decker, Sweet, Totten.  
**Mobile:** Soost.  
**Montgomery:** Hazlehurst.  
**Muscle Shoals:** Mickle.  
**Sheffield:** Gammon.  
**Tuscaloosa:** Abbott.

#### ASSOCIATE

**Birmingham:** American Cast Iron Pipe Co., E. E. Linthicum, Pres., National Cast Iron Pipe Co., McWane Cast Iron Pipe Co.

### ARIZONA

Active 3; Corporate 1; Total 4

**Ajo:** DuMoulin.  
**Prescott:** Shaw.  
**Tucson:** Rider.

#### CORPORATE

**Bisbee:** Bisbee-Naco Water Co.

### ARKANSAS

Active 3; Corporate 2; Total 5

#### ACTIVE

**Fort Smith:** Ward.  
**Little Rock:** Bair, Johnson.

#### CORPORATE

**Hot Springs:** Hot Springs Water Co.  
**Pine Bluff:** Pine Bluff Co.

### CALIFORNIA

Honorary 1; Active 81; Corporate 8;  
 Associate 7; Total 97

#### HONORARY

**Los Angeles:** Mulholland.

#### ACTIVE

**Albany:** Costa.  
**Alhambra:** Hilton.

**Atascadero:** Robinson.

**Berkeley:** Hyde, Klaus, Langlier, Reinke.

**Compton:** Parrish.

**Dixon:** Sedgwick.

**Fresno:** Jackson.

**Hanford:** Isaac, Johns.

**Hayward:** Smalley.

**Inglewood:** Farmer.

**Los Angeles:** Barnard, Cates, Finkle, Goudey, Hurlbut, Lawton, Moore, Mudge, Rowe, Slater, Stone, Taylor.

**Marysville:** Belcher.

**Monrovia:** Given.

**Oakland:** Chamberlain, Davis, Gillespie, Hawley, Hunter, Magstadt, Reinhardt, Wilhelm.

**Ontario:** Roen.

**Orlando:** Wright.

**Pacific Grove:** Olmstead.

**Pasadena:** Allin, Morris.

**Sacramento:** Jenks, Nickerson, Prugh.

**San Diego:** Ervast, Lovell.

**Salinas:** Snell.

**San Francisco:** Abbott, Andrews, Bragg, Clemens, Elliott, Ellis, Flaa, Graff, Hammerly, Hommon, Hunter, Kempkey, Lee, Luippold, Mars, Martindale, McCaughern, Mendelsohn, O'Shaughnessy, Pracy, Sharon, E. H. Shibley, Kenneth Shibley.

**San Jose:** Ford.

**San Rafael:** Burt, Everett, Longland.

**Santa Barbara:** Trace, Wyant.

**Santa Paula:** Giacomazzi.

**Stockton:** Fagg.

**Turlock:** Brown.

**Vacaville:** Eldredge.

**Watsonville:** Kitchen.

#### CORPORATE

**Glendale:** Public Service Dept.

**Los Angeles:** Bureau of Water Works and Supply, Conservative Water Co.

**Menlo Park:** Bear Gulch Water Co.

**Oakland:** East Bay Water Co.

**San Francisco:** Benicia Water Co.  
**San Jose:** San Jose Water Co.  
**Vallejo:** Vallejo City Water Dept.

## ASSOCIATE

**Los Angeles:** James Jones Co., Keystone Iron and Steel Works, C. W. Sirch.  
**Oakland:** Forni Mfg. Co.  
**Pasadena:** Art Concrete Works.  
**San Francisco:** Montague Pipe and Steel Co., Western Pipe & Steel Co. of Calif.

## COLORADO

Active 9; Associate 1; Total 10

## ACTIVE

**Colorado Springs:** McReynolds.  
**Denver:** Lowther, Miller, Rathbun, Robinson, Vail.  
**Pueblo:** Porter, Stone.  
**Rocky Ford:** Strouse.

## ASSOCIATE

**Denver:** Colorado Fuel and Iron Co.

## CONNECTICUT

Active 22; Corporate 3; Associate 4;  
 Total 29

## ACTIVE

**Ansonia:** Davis.  
**Bridgeport:** Senior.  
**Bristol:** Lourie.  
**Danbury:** Raymond.  
**Fairfield:** Cowles.  
**Greenwich:** Wilson.  
**Hartford:** Berry, Newlands, Peck, Purcell, Saville, Scott, Walsh.  
**New Haven:** Gaillard, Glynn, Hill, Minor, Winslow, Southington, MacKenzie.  
**Thompsonville:** Schwabe.  
**Torrington:** Travis.

## CORPORATE

**Derby:** Birmingham Water Co.  
**Hartford:** Connecticut State Dept. of Health.  
**Middletown:** Middletown Water Works.

## ASSOCIATE

**South Norwalk:** R. U. V. Co.  
**Stamford:** Payne Dean, Ltd.  
**Waterbury:** American Brass Co., Chase Metal Works.

## DELAWARE

Active 5; Total 5

## ACTIVE

**Wilmington:** Butz, Sr., Feeney, Hoopes, Van Trump, Walker.

## DISTRICT OF COLUMBIA

Active 11; Total 11

## ACTIVE

**Washington:** Clark, Curtis, Fink, Hardy, Howell, Kay, Lauter, MacQueen, Miller, Phillips, Stevens.

## FLORIDA

Active 16; Total 16

## ACTIVE

**Crescent City:** Dissel.  
**Daytona:** Graham, Main.  
**Jacksonville:** Ahern, Bailey, Parker, Simons, Jr., Tyler.  
**Miami:** Hyman.  
**Orlando:** Michaels.  
**St. Petersburg:** Brown.  
**Tampa:** Jones, McFarland, Squires.  
**West Palm Beach:** Dougherty, Rice.

## GEORGIA

Active 11; Corporate 2; Total 13

## ACTIVE

**Atlanta:** Clayton, Grimes, Norcross, Rapp, Wilcox.  
**Atlanta Station:** Mathis.  
**Augusta:** Hunter, Smith, Wingfield.  
**Columbus:** Smalshaf.  
**Savannah:** Valentino.

## CORPORATE

**Griffin:** Light, Water and Sewerage Dept.  
**West Point:** Lanett Cotton Mill.

## IDAHO

Active 2; Corporate 1; Total 3

## ACTIVE

**Idaho Falls:** Wilson.  
**Lewiston:** Wagner.

## CORPORATE

**Boise:** Idaho Surveying and Rating Bureau.

**ILLINOIS**

Honorary 1; Active 112; Corporate  
6; Associate 18; Total 135

**HONORARY**

Chicago: Keeler.

**ACTIVE**

Alton: Miller.  
Aurora: Barclay, Willett.  
Bloomington: Woltman.  
Blue Island: Hammond.  
Cairo: Roos.  
Champaign: Amsbary, Bushnell.  
Chicago: Alvord, Bachmann, Bascom, Bauereisen, Bemis, Birdsall, Burdick, Burt, Coughlan, Davidson, DeBerard, DeLeuw, Enander, Engel, Fager, French, Goldsmith, Goodman, Gordon, Gorman, Greeley, Green, Groner, Hancock, Hansen, Hendricks, Jennings, Knowles, Lucas, Matteson, Maury, McClenahan, Merckel, Maxwell, Mohlman, Moseley, Munn, Parsons, Pearse, Reilly, Rossiter, Shaw, Shepard, Sherman, Shields, Skinner, Stanley, Stein, Tanner, Wade, Webster, Wolfe.  
Danville: Ely, Symons.  
Decatur: Carrick, Hatfield, Warren.  
Dixon: Hawley.  
East St. Louis: Horner.  
Edwardsville: Fiesler.  
Elmhurst: Crockett.  
Evanston: Wadsworth.  
Freeport: Hutchins.  
Fulton: O'Rourke.  
Galva: Lundberg.  
Glencoe: Gerber.  
Hillview: Stoldt.  
Hubbard Woods: Rees.  
Joliet: Dooley.  
La Grange: Howson.  
Lincoln: MacDonald.  
Mattoon: Clark, Rue.  
Morrison: Green.  
Mt. Carmel: Barnhard.  
Murphysboro: Farrar.  
Pana: Stanfield.  
Pekin: Lautz.  
Peoria: Crozier, Morgan, Ringness.  
Quincy: Gelston.  
Rock Island: Etzel, Murrin.  
Rockford: Wilson.  
Springfield: Barker, Bennett, Ferguson, Henry, Miller, Reid.  
Streator: Huggans.  
Taylorville: Dappert.

Urbana: Babbitt, Buswell, Enger.  
Fleming, Habermeyer, McRoberts,  
Swearingen, Talbot, Tanner.  
Waukegan: Allen.  
Winnetka: Dames.

**CORPORATE**

Canton: Canton Water Works.  
Chicago: Illinois Inspection Bureau,  
Public Service Co. of No. Ill.  
Moline: Moline Water Dept.  
Quincy: Water Works Commission.  
Winnetka: Village of Winnetka.

**ASSOCIATE**

Aurora: American Well Works.  
Chicago: American Steel and Wire  
Co., Automatic Primer Co., Birch  
Mfg. Co., Chicago Bridge and  
Iron Co., J. B. Clow and Sons,  
"Engineering and Contracting,"  
General Chemical Co., Inter-  
national Filter Co., Mabbs Hy-  
draulic Packing Co., Jos. E. Nelson  
and Sons, Portland Cement Asso-  
ciation, Sullivan Machinery Co.  
Decatur: Mueller Co.  
Matteson: K. I. Herman Chemical  
Co.  
Mattoon: H. W. Clark Co.  
Quincy: Dayton-Dowd Co., Modern  
Iron Works.

**INDIANA**

Active 32; Corporate 2; Associate 2;  
Total 36

**ACTIVE**

Evansville: Streithof.  
Fort Wayne: Yobst.  
Gary: Luscombe.  
Greencastle: Reeves.  
Hammond: Blockie.  
Indianapolis: Brossman, Calvert,  
Davis, Diggs, Doane, Garman,  
Geupel, Hurd, Jeup, Frank C.  
Jordan, Harry E. Jordan, Kirk.  
Kokomo: Bodkin.  
Lafayette: Miller.  
La Porte: Harding.  
Newcastle: Younce.  
Richmond: Dill.  
South Bend: Ayres, Toyne.  
Terre Haute: Durbin, Gwinn, Tay-  
lor.  
Valparaiso: Bradley, Loomis.  
Vincennes: Wattes.  
Wabash: Klare.  
Whiting: Bromschwig.

## CORPORATE

Evansville: Evansville Water Works.  
New Albany: Interstate Public Service Co.

## ASSOCIATE

Lawrenceburg: A. D. Cook, Inc.  
Wabash: Ford Meter Box Co.

## IOWA

Active 46; Corporate 4; Associate 1;  
Total 51

## ACTIVE

Ames: Levine, Nichols.  
Boone: Ehrhart.  
Burlington: Lawlor.  
Cedar: Rapids, Bates, Blomquist,  
Holbrook, Mortensen.  
Centerville: Alexander, Stewart.  
Clinton: Chase.  
Colfax: Donahue.  
Council Bluffs: Etnyre, Hansen,  
Jensen, Maloney, Myrtue.  
Davenport: Healey, Henderson.  
Des Moines: Corcoran, Denman,  
Hezzelwood, Higgins, Kastberg,  
Maffitt, Pederson.  
Fort Dodge: Pray.  
Fort Madison: Kern.  
Harlan: Cox.  
Iowa City: Ball, Bartow, Hinman,  
Waterman.  
Jefferson: McGlothlen.  
Keokuk: Powers.  
Knoxville: Savage.  
Marion: Toms.  
Marshalltown: Luce.  
Mason City: Crofoot.  
Muscatine: Molis.  
Ottumwa: Brown.  
Sioux City: Carlin, Smith.  
Waterloo: Hendry, Shoemaker.  
Webster City: Currie.

## CORPORATE

Creston: Taxpayers Municipal  
Water Works.  
Davenport: Davenport Water Co.  
Dubuque: Dubuque City Water  
Works.  
Muscatine: Water Trustees.

## ASSOCIATE

Burlington: Murray Iron Works Co.

## KANSAS

Active 8; Corporate 2; Total 10

## ACTIVE

Atchison: Chisham.  
Cummings: Phillips.  
Hutchinson: Quillan.  
Kansas City: Mangun.  
Manhattan: Ulrich.  
Topeka: Googins.  
Wellington: Mavity.  
Wichita: Kelley.

## CORPORATE

Emporia: Water Department.  
Topeka: City Water and Light Dept.

## KENTUCKY

Active 28; Corporate 5; Total 33

## ACTIVE

Ashland: Patton.  
Carlisle: Clay.  
Catlettsburg: Patton.  
Covington: Kingsley.  
Danville: Prindle, Woolfolk.  
Georgetown: Allen.  
Lexington: Bell, Bradley, H. R.  
Cramer, W. S. Cramer, Gillig.  
Louisville: Chambers, Horrigan,  
Long, Lovejoy, McGonigale, Par-  
ker, Stover.  
Mayfield: Orr.  
Maysfield: Cochran.  
Mt. Sterling: Blevins.  
Newport: Hineman.  
Owensboro: Watson.  
Paducah: Burnett.  
Paris: Mitchell.  
Richmond: Dougherty.  
Winchester: Attersall.

## CORPORATE

Ashland: Ashland Water Commis-  
sion.  
Hopkinsville: Hopkinsville Water  
Co.  
Louisville: Kentucky Utilities Co.,  
State Bd. of Health, Louisville  
Water Co.

## LOUISIANA

Active 6; Corporate 2; Total 8

## ACTIVE

New Iberia: Villermin.  
New Orleans: G. G. Earl, R. Earl,  
Eastwood, Fowler.  
Shreveport: Amiss.

## CORPORATE

**Baton Rouge:** Baton Rouge Water Works Co.  
**Lake Charles:** Lake Charles Railway Light and Waterworks Co.

## MAINE

Active 11; Corporate 1; Total 12

## ACTIVE

**Augusta:** Campbell.  
**Bangor:** Brown, Powell.  
**Biddeford:** Burnie.  
**Orono:** Everett.  
**Portland:** Coburn, Payson, G. F. West, V. F. West.  
**Rockland:** McAlary.  
**Waterville:** Thompson.

## CORPORATE

**Waterville:** Trustees Kennebec Water Dist.

## MARYLAND

Active 38; Total 38

**Annapolis:** Munroe.  
**Baltimore:** Adams, Armstrong, Baylis, Biser, Blohm, Clemmitt, Ellis, Flack, Freeman, Goldstein, Gregory, Hopkins, Keefer, Megraw, Powell, Requardt, Siems, Strohmeyer, Walden, Warren, Wieghardt, Wolf, Wolman.  
**Cumberland:** Fowler.  
**Frederick:** Crum.  
**Hagerstown:** Ferguson, Heard, Voris.  
**Hyattsville:** Develbiss, Hall, Hechmer, Morse, Shaw.  
**Laurel:** Nichols.  
**Linthicum Heights:** Diggs.  
**Riverdale:** Owings.  
**Salisbury:** Dryden.

## MASSACHUSETTS

Honorary 1; Active 64; Associate 8; Total 73

## HONORARY

**Brookline:** Fitzgerald.

## ACTIVE

**Attleboro:** Snell.  
**Boston:** Barbour, Barrows, Chase, Clark, Dixon, Fales, Finneran, Flint, Foss, French, Goodnough, Howard, Killam, Marston, McInnes, Metcalf, Sherman, Spiller,

Taber, Thorndike, Wentworth, Weston, Wheeler.  
**Brockton:** Kingman.  
**Brookline:** Hale.  
**Cambridge:** Good, G. C. Whipple, M. C. Whipple.  
**Concord:** Robinson.  
**Danvers:** Esty.  
**Fairhaven:** Gidley.  
**Framingham:** Macksey.  
**Holyoke:** Gear, Tighe.  
**Jamaica Plain:** Hough.  
**Lawrence:** Collins, Hale.  
**Lowell:** Reynolds, Safford, Thomas.  
**Lynn:** Newsom.  
**Mattapan:** Gibbons.  
**Medford:** Dwyer.  
**Methuen:** Mahoney.  
**Milton:** Hefferman.  
**New Bedford:** Chase, Drake, Taylor.  
**Newtonville:** Burnham.  
**Peabody:** Emerson.  
**Springfield:** Lochridge.  
**South Boston:** Tilden.  
**So. Weymouth:** Pierce.  
**Southbridge:** Abbott.  
**Waban:** Symonds.  
**Ware:** Merrill.  
**Watertown:** Gilcreas.  
**Wellesley:** Adams.  
**Wellesley Farms:** Barrier.  
**West Somerville:** Lacount.  
**Williamstown:** Mears.  
**Worcester:** Batchelder, Hoy.

## ASSOCIATE

**Boston:** Edson Mfg. Corp.  
**Florence:** Norwood Engineering Co.  
**Indian Orchard:** Chapman Valve Mfg. Co.  
**Lynn:** Lap-Joint Impervious Pipe Co.  
**Neponset:** Coffin Valve Co.  
**South Boston:** Hersey Mfg. Company.  
**Wakefield:** The Lead Lined Iron Pipe Co.  
**Worcester:** Union Water Meter Company.

## MICHIGAN

Active 64; Corporate 5; Associate 4; Total 73

## ACTIVE

**Ann Arbor:** Ayres, Decker, Hoad, Holland, Williams.  
**Bay City:** Reid.  
**Coldwater:** McQueen.  
**Cadillac:** Webb.



**Detroit:** Barton, Bird, Blessed, Collins, Dow, Fenkell, Gerardy, Gould, Grobbel, Hinchman, Hubbell, Jones, Majeske, Mayo, Outzen, Russell, Sosnowski, Stephenson, Sward, Ternes, Wahl, Wallace, Wyckoff.

**E. Lansing:** Woods.

**Flint:** Baldwin.

**Grand Rapids:** Billings, Sperry.

**Gross Ile:** Mitchell.

**Highland Park:** Bolton, Whitsit.

**Holland:** Champion.

**Iron Mountain:** Cox, Coll.

**Jackson:** England, Hatch.

**Kalamazoo:** Libby, Normon.

**Lansing:** Bulkeley, Hackett, Sheldon.

**Ludington:** Williams.

**Marquette:** Johnston.

**Monroe:** Brisbin.

**Mt. Clemens:** Keils.

**Pontiac:** Brower, Lenhardt, Monroe, Shimmel.

**Port Huron:** Moore, Naumann, Stetrosky.

**Rochester:** Jackson.

**Saginaw:** Clark, Eymmer, Johnson.

**Wyandotte:** Clark.

#### CORPORATE

**Ann Arbor:** Water Works Commission.

**Grand Rapids:** Dept. of Public Service.

**Ironwood:** Ironwood Water Department.

**Lansing:** Michigan State Board of Health.

**Saginaw:** Saginaw Water Department.

#### ASSOCIATE

**Detroit:** Digestive Ferments Company, Michigan Valve and Foundry Co., Sentry Meter Company.

**Traverse City:** Traverse City Iron Works.

#### MINNESOTA

Active 41; Associate 2; Corporate 3;  
Total 46

#### ACTIVE

**Austin:** Todd.

**Chisholm:** Sullivan.

**Crookston:** Peterson.

**Duluth:** Brockway, Foster, Reed, Wilson.

**Eleventh:** Forristel.

**Fairmont:** Horne.

**Faribault:** Wilson.

**Gilbert:** Conner.

**Hibbing:** Forsberg, McDonald.

**Lake City:** Howe.

**Lakewood:** Seligman.

**Minneapolis:** Bass, Brownell,

Crounse, Elsberg, Janzig, Jensen,

Johnson, Lykken, McCulloh, Mel-

len, Raab, Whittaker, Wilbur,

Young.

**St. Cloud:** Seibert.

**St. Paul:** Childs, Clancy, Crowley

Druar, Feist, Kelsey, McDonald,

Peter, Routh, Shepard.

**Virginia:** Pruett.

#### CORPORATE

**Minneapolis:** Committee on Water Works, General Inspection Bureau.

**Winona:** Board of Municipal Work.

#### ASSOCIATE

**Minneapolis:** Northern Fire Apparatus Co.

**St. Paul:** Edward E. Johnson, Inc.

#### MISSISSIPPI

Active 5; Total 5

#### ACTIVE

**Magnolia:** Mentz.

**Meridian:** Slaughter.

**University:** Kirkpatrick.

**Vicksburg:** Worrell.

**Winona:** Johnson.

#### MISSOURI

Honorary 1; Active 53; Corporate 2;  
Associate 2; Total 58

#### HONORARY

**St. Louis:** Holman.

#### ACTIVE

**Hannibal:** Freiling, Wolfe.

**Independence:** Gallagher.

**Jefferson City:** Johnson, Landman, Putnam.

**Kansas City:** Archer, Bacharach,

Benham, Black, Foreman, Gil-

kison, Haskins, Holbrook, Jewell,

King, Learned, Maillard, Maitland,

McCall, McClintock, McDonnell,

McFarland, Merriman, Mullergren,

Pratt, Strang, Veatch, Wesley.

**Odessa:** Harris.

**Rollo: Ueltzen.**

**St. Louis:** Allison, Black, Chivvis,  
Cutts, Daily, Day, Flad, Fuller,  
Graf, Henby, Jutz, Monfort, Nel-  
son, Richardson, Skinker, Toens-  
feldt, Wall, Wilcox.

**Sedalia:** Andrews.

**Springfield:** Gray, Pate.

**University City:** Weir.

**CORPORATE**

**Kansas City:** Water Commission.

**St. Louis:** Illinois Power & Light  
Corp.

**ASSOCIATE**

**Kansas City:** Williams, Electrolytic  
Chlorine Co.

**St. Louis:** American Foundry and  
Mfg. Company.

**MONTANA**

Active 7; Corporate 1; Total 8

**ACTIVE**

**Billings:** Willett.

**Bozeman:** Cobleigh.

**Butte:** Carroll.

**Helena:** Foote.

**Kelispell:** Lawrence.

**Missoula:** Christensen.

**Roundup:** Quinell.

**CORPORATE**

**Anaconda:** Water Works Depart-  
ment.

**NEBRASKA**

Active 10; Corporate 2; Associate 1;  
Total 13

**ACTIVE**

**Lincoln:** Erickson, Evinger.

**Omaha:** Barr, Bruce, Kaouse, Lar-  
mon, Leisen, Prince.

**Plattsmouth:** Minor.

**Wilber:** Diller.

**CORPORATE**

**Lincoln:** Lincoln City Water and  
Ltg. Dept.

**Omaha:** Metropolitan Utilities Dis-  
trict.

**ASSOCIATE**

**Grand Island:** Kelly Well Com-  
pany.

**NEVADA**

Active 2; Corporate 1; Total 3

**ACTIVE**

**Goldfield:** Detwiler.

**Reno:** Campbell.

**CORPORATE**

**Reno:** The Truckee River Power  
Company.

**NEW HAMPSHIRE**

Active 4; Corporate 1; Total 5

**ACTIVE**

**Concord:** Storrs, Howard.

**Hanover:** Holden.

**Manchester:** Mendell.

**CORPORATE**

**Nashua:** Pennichuck Water Works.

**NEW JERSEY**

Active 109; Corporate 9; Associate 11;  
Total 129

**ACTIVE**

**Ampere:** Decker, Longley.

**Asbury Park:** Bartley, White.

**Atlantic City:** Van Gilder.

**Bernardsville:** Williamson.

**Boonton:** Breitzke.

**Bound Brook:** Downes, Smith.

**Bridgeton:** Frederick.

**Burlington:** Caprin, Conard, Buzby.

**Camden:** Jones, Long, Vosbury.

**Cedar Grove:** Goslau.

**Charlotteburg:** Craig.

**Clifton:** Mahoney, Scacciaferro.

**Collingswood:** Borden.

**East Orange:** Halpin, Klein, Snyder,  
Roper.

**Elizabeth:** Booth, Radcliffe, Town-  
ley.

**Franklin:** Jenkins.

**Glen Ridge:** Brooks.

**Haddon Heights:** Smith.

**Harrison:** Matte.

**Haskell:** Holdredge.

**Hoboken:** Anderson.

**Jersey City:** Cleflin, Corbin, Mauzy,

McEvoy, Spencer, VanKeuren.

**Little Falls:** Green.

**Lodi:** McClellan.

**Maplewood:** Wigley.

**Merchantville:** Rudderow.

**Middlebush:** Mallalieu.

**Montclair:** Knox.

**Moorestown:** Bishop.

**Newark:** Baldwin, Bank, Foulks, Kappler, Judson, Mowry, Mueller, Orchard, A. H. Pratt, G. H. Pratt, Rosentreter, Sanzenbacher, Scherrer, Scholz, Sherman, Sherrerd, Woolley.

**New Brunswick:** Atkinson, Jones, Lendall, Morris.

**Orange:** Luthy.

**Passaic:** Hopper.

**Patterson:** Cook, Cuddeback, Edwards, Harder, King, Ryle, Towle.

**Perth Amboy:** Mason.

**Plainfield:** Analyst.

**Pleasantville:** Herr, Trumbore.

**Princeton:** Eldridge.

**Ridgewood:** Carr, Phelps, Simonds.

**Riverside:** Port, Buck.

**Roselle Park:** Crane.

**Rutherford:** Tygert.

**Sayreville:** Weber.

**Short Hills:** Kohout.

**S. Orange:** Nolan.

**Spring Lake:** Besselievre.

**Summit:** Bassett, Cadman, Kimball.

**Trenton:** Boyle, Brooks, Croft, Thompson.

**Upper Montclair:** Goodell.

**Weekawken:** French, Miller, Parker, Talbot.

**West Orange:** Fritz, Glannan.

**Westfield:** Brush.

**Woodbridge:** Mundy.

#### CORPORATE

**Camden:** The Stockton Water Co.

**Dover:** Dover Water Commissioners.

**East Orange:** Board of Water Commissioners.

**Glen Ridge:** Glen Ridge Water Dept.

**Millville:** Millville Water Company.

**Mount Holly:** The Mount Holly Water Company.

**Totowa:** Borough of Totowa.

**Trenton:** N. J. Dept. Conservation and Development, Trenton Water Works.

#### ASSOCIATE

**Ampere:** Lock Joint Pipe Company.

**Bayonne:** The Babcock and Wilcox Co.

**East Orange:** The A. P. Smith Mfg. Co.

**Jersey City:** Joseph Dixon Crucible Company, Voorhees Rubber Mfg. Co.

**Newark:** Gamon Meter Company, Newark Brass Works, Wallace and Tiernan Co. Inc.

**Paterson:** American Zeolite Corp.

**Pleasantville:** Van Gilder Water Meter Company.

**Trenton:** De Laval Steam Turbine Company.

#### NEW MEXICO

Active 1; Corporate 3; Total 4

##### ACTIVE

**Cimarron:** Alpers.

##### CORPORATE

**Carlsbad:** The Public Utilities Company.

**Deming:** Deming Water Department.

**Santa Fe:** Santa Fe Water & Light Co.

#### NEW YORK

Honorary 3; Active 275; Corporate 24; Associate 50; Total 352

##### HONORARY

**New York:** Herschel, Purdy.

**Troy:** Diven, Sr.

##### ACTIVE

**Albany:** Cox, Holmquist, Horton, Mullikin, Prior, Schwartz, Suter, Wachter, Wells, Wheeler, Willcomb.

**Amsterdam:** Dwyer.

**Avon:** Clark.

**Binghamton:** Gitchell.

**Briarcliff Manor:** Manahan.

**Brooklyn:** Aeryns, Armstrong, Bleistein, Cunningham, Dowd, Flannery, Hale, Hendrick, Kief, Lott, Metcalf, Moore, Vertefeuille, Woolnough.

**Buffalo:** Ames, Andrews, Byole, Bartram, Charles K. Bassett, George B. Bassett, Chambers, Diehl, Fitzgerald, Grotz, Huy, Nussbaumer, Parsons, Spire, Wagner.

**Canandaigua:** Douglas.

**Cedarhurst, L. I.:** Lord.

**Corning:** Drake.

**Cortland:** Maxon.

**Croton-on-Hudson:** Barnes.

**East Rochester:** Babcock.

**Elmira:** Jones.

**Elmsford:** O'Conner.

- Far Rockaway:** L. I. Bettes, Dur-  
land, Stearns.  
**Flushing:** Laase.  
**Geneseo:** Meeker.  
**Gloversville:** Orr.  
**Grand Gorge:** Gausmann, Honness.  
**Hempstead:** Marshall.  
**Herkimer:** Clark.  
**Hudson Falls:** Reid.  
**Ilion:** Trimble.  
**Ithaca:** Chamot, Georgia, Seery.  
**Jamestown:** Swanson.  
**Katonah:** Coffin.  
**Kingston:** Harrison.  
**Little Falls:** Feeter.  
**Long Island City:** Ankener, Don-  
nelly.  
**Lynbrook, L. I.:** E. W. Clark, Sher-  
man.  
**Lyons:** Zimmerlin.  
**Mamaroneck:** Duffy.  
**Manhasset:** Hoag.  
**Medina:** Howell.  
**Merrick:** Spear.  
**Mineola:** Bowne.  
**Mt. Kisco:** Sawin.  
**Mt. Vernon:** Havill, Wolbert.  
**Newark:** Scarth.  
**New Brighton:** Haley.  
**Newburgh:** Eglof, Gilerist.  
**New Rochelle:** Applebaum, Hoff-  
master, Kemble, Reynolds.  
**Queens:** Keogh.  
**New York:** Adams, Baker, Henry  
DeF. Baldwin, Robt. T. Baldwin,  
Ballou, Barnes, Barns, Berry, Beyer,  
Biggs, Blanchard, Blossom, Bogert,  
Booth, Bowe, Brush, Charles H.  
Bull, Irving C. Bull, Buttenheim,  
Case, Chase, Cleveland, Cleverdon,  
Cole, Coulter, Culyer, Dennett,  
Diven, Jr., Donaldson, Dorsey,  
Duggan, Dunham, Dunlap, Eye-  
rett, Ewry, Ferguson, Finlay, Jr.,  
Flinn, Folwell, Freer, Fuertes,  
Fuller, Geehan, Gould, Griffiths,  
Hansen, Harding, Harding, Jr.,  
Hazen, Hill, Jr., Hoag, Hoagland,  
Hodgman, Hogan, Howland, Hut-  
son, Jackson, Jacobs, Johnson,  
Johnstone, Jones, Kienle, Kivell,  
Kriegsheim, Ledden, Loney, Mana-  
han, McKay, Merriman, Meyer-  
herm, Milholland, Moulton, Nel-  
son, Niesley, Patitz, Pease, Pincus,  
Pirnie, Potter, Potts, Provost,  
Jr., Rice, Rodman, Sanborn, Scott,  
Merritt H. Smith, J. Waldo Smith,  
Stearns, Stevens, Stewart, Sul-  
livan, Tainter, Tribus, Tuttle,  
 Vermeule, Watson, Watt, Wells,  
Wiggin, Williamson, Wolfe, Wood,  
Wyckoff.  
**Niagara Falls:** Dignan, Moyer,  
Perry, Reisweber, Sutor.  
**North Tarrytown:** Helling.  
**North Tonawanda:** Batt.  
**Norwich:** Ames.  
**Ogdensburg:** Lord.  
**Oneida:** White.  
**Ossining:** Bedell.  
**McCaffrey:** McCaffrey.  
**Peekskill:** Ahearn, Clark, Coe,  
Lockwood.  
**Prattville:** Fifield, Hayes, Hunter.  
**Rensselaer:** Clafin.  
**Rochester:** Baker, Geo. H. Bliven,  
M. Harvey Bliven, Cripps, Dewey,  
Fisher, Hopkins, Lewis, Little,  
Matthews, Story, Wells.  
**Scarsdale:** Gerhard, Henshaw.  
**Schenectady:** Clinton, Devendorf,  
Erickson.  
**Schuylerville:** Greenalch.  
**Slingerlands:** Slingerland.  
**Sodus:** Starbird.  
**South Nyack:** Kendall.  
**Southampton:** Van Brunt.  
**Stapleton:** Volkhardt.  
**Syracuse:** Booth, Daw, Hodgkins,  
Keating, Kelly, Palmer, VanGor-  
der.  
**Troy:** Caird, Caldwell, Clifton,  
Knickerbacker, Mason, Stark.  
**Utica:** Beck, Hodges, Hopkins,  
Miles, Reagan, Jr.  
**Valhalla:** Bampton.  
**Voorheesville:** Horton.  
**Wappingers Falls:** Whitehouse.  
**Waterloo:** Stewart.  
**Watertown:** Ackerman, Field.  
**Watervliet:** Halpin.  
**Wellsville:** Allen, Rowe.  
**White Plains:** Mapes, Paddock.  
**Woodhaven:** Luce.  
**Yonkers:** Buhrendorf, Foley, Hen-  
derson, Trobridge, Wegman.

## CORPORATE

- Auburn:** Water Dept.  
**Buffalo:** Bureau of Water, Western  
New York Water Co.  
**Corning:** Water Works.  
**Elmhurst, L.I.:** Citizens Water Sup-  
ply Co.  
**Elmira:** Water Board.  
**Glens Falls:** Board of Water Com-  
missioners.  
**Ilion:** Board of Water Commission-  
ers.

**Kenwood:** Sherrill-Kenwood Water Commission.

**Lockport:** Board of Water Commissioners.

**Maspeth, L. I.:** Urban Water Supply Co.

**Massena:** St. Lawrence Water Co.

**New York:** American Water Works and Electric Co., Federal Light and Traction Co. Vinton-Roanoke Water Co.

**Oswego:** Department of Water.

**Owego:** Water Works.

**Point Pleasant:** Sea Breeze and Vicinity Water Commission.

**Poughkeepsie:** Board of Public Works.

**Rome:** Bureau of Water.

**Syracuse:** Bureau of Water.

**Troy:** Bureau of Water.

**Watertown:** Water Works.

**White Plains:** Department of Public Works.

#### ASSOCIATE

**Baldwinsville:** Morris Machine Works.

**Brooklyn:** Federal Meter Co., Thomson Meter Co.

**Buffalo:** Buffalo Meter Co., W. P. Taylor Co.

**Cohoes:** Cohoes Rolling Mill Co.

**Elmira:** Kennedy Valve Mfg. Co., A. Wyckoff and Son Co.

**Newburgh:** Coldwell-Wilcox Co.

**New York:** Ambursen Construction Co., Inc., American City, Arnold, Hoffman and Co., Inc., Central Foundry Co., Conover and Phillips, Copper and Brass Research Association, East Jersey Pipe Co., Electro Bleaching Gas Co., Engineering News-Record, Elliott-Fisher Co., Fire and Water Engineering, Hooker Electrochemical Co., John Fox and Co., T. A. Gillespie Co., Ingersoll-Rand Co., Kalbfleisch Corp., Kraus Research Laboratories, Inc., Mathieson Alkali Works, Inc., National Meter Co., National Water Main Cleaning Co., Neptune Meter Co., Parsons, Klapp, Brinckerhoff and Douglas, Permutit Co., Pitometer Co., Public Works, Sanitation Corp., S. E. T. Valve and Hydrant Co., Sims Pump Valve Co., United Lead Co., Warren Foundry and Pipe Co., Water Works Equipment Co., J. G.

White Engineering Corp., Worthington Pump and Machinery Corp.

**Peekskill:** Fleischmann Co.

**Schenectady:** Lee F. Adams, General Electric Co.

**Troy:** W. and L. E. Gurley, Ludlow Valve Mfg. Co., Rensselaer Valve Co., Ross Valve Mfg. Co., Inc.

**Waterford:** Eddy Valve Co.

**Watertown:** Glenn R. Shriver, Gen. Mgr., John Weekes and Son Co.

#### NORTH CAROLINA

Active 87; Associate 1; Total 88

#### ACTIVE

**Albermarle:** Widenhouse.

**Ashville:** Hall, Hollingsworth.

**Bessemer City:** White.

**Chapel Hill:** Bennett, Drane, Saville.

**Charlotte:** Davis, Booker, Heyward, Marshall, McConnell, Mees, Moulton, Myers, Neville, Vest.

**Concord:** Fisher.

**Cramerton:** Sullivan.

**Durham:** Davis, Michie, Piatt, Stratton, Suggs, White, Williams.

**Eagle Springs:** Maurice.

**Farmville:** McAdams.

**Fayetteville:** Shell.

**Franklinton:** Jenkins.

**Fremont:** Benton.

**Gastonia:** Struthers, Rhyne.

**Goldsboro:** Grantham, Toler, Williams.

**Greensboro:** Boyles, Lewis, Smedberg, True.

**Henderson:** Bridgers.

**Hendersonville:** Wright.

**La Grange:** DeCamp.

**Leaksville:** Moore, Trogdon.

**Lexington:** Jones.

**Lillington:** Dixon.

**Mooreville:** Fields.

**Mount Airy:** Absher, Whitlock.

**Mount Holly:** Patterson.

**New Bern:** Godfroy.

**Oxford:** Ward.

**Pinehurst:** Pender.

**Raleigh:** Bain, Baity, Bandy, Brockwell, Catlett, Jones, Kellogg, McLeod, Miller, Olsen, Welsh.

**Rock Mount:** Large, Lyon.

**Salisbury:** Craig, Rodgers.

**Saluda:** Newton.

**Smithfield:** Wilson.

**Statesville:** Cochran, Worth.

**Tarboro:** Martin.

**Tryon:** Beebe.



Wake Forest: McKaughan.  
Waynesville: Logan.  
Wilmington: Bishop, Maffitt, Norcom, Sweeney.  
Wilson: Gladding, Turner, Whitley.  
Winsor: Lassiter.  
Winston-Salem: Ludlow.  
Zebulon: Bizzell.

## ASSOCIATE

Charlotte: The Grinnell Co., Inc.

## NORTH DAKOTA

Active 3; Honorary 1; Total 4

## HONORARY

Bismarck: Caulfield.

## ACTIVE

Bismarck: Atkinson.  
Fargo: Jacobsen.  
Minot: Thomas.

## OHIO

Active 74; Corporate 11; Associate 8;  
Total 93

## ACTIVE

Akron: Hibbs, Rhynus, Tolles.  
California: Bahlman.  
Cambridge: Rollins.  
Canton: McClaskey, Ohliger.  
Cincinnati: Boeh, Hill, Miller, Rudd, Streeter.  
Cleveland: Beardsley, Farrell, Flower, Frazier, Gascoigne, Jaeger, Levy, Marshall, Martin, Morrow, Perkins, Quayle, Ruggles, Sheal, Siedle, Jones.  
Columbus: Bradbury, Burgess, Dittoe, Eno, Groeniger, C. P. Hoover, C. B. Hoover, Kimberly, Lawrence, Martin, McAlpine, Walker, Waring.  
Dayton: Morehouse, Wight.  
Defiance: Campion.  
Dennison: Romig.  
East Liverpool: Rupp.  
Elyria: Beck.  
Kent: Gettrust.  
Lakewood: Ellms, Kunzelman.  
Lima: Evans.  
Lorain: Brown, Pauly.  
Medina: Fretter.  
Salem: Morlan.  
Shelby: Bricker.  
Steubenville: Scott.  
Tiffin: Wetter.  
Toledo: Brown, Champe, Clark, Furman, Jones, Schoonmaker, Roberts, Sherman, Sleeper.

Warren: Inman, O'Connor.  
Washington: O'Neill.  
Xenia: Zell.  
Youngstown: Russell, Van Arnum, Wilson.

## CORPORATE

Ashtabula: The Ashtabula Water Supply Company.  
Columbus: Ohio Inspection Bureau.  
Lorain: Lorain Water Works.  
Massillon: Massillon Water Supply Company.  
Marion: The Marion Water Company.  
Middleport: The Meigs Water Company.  
Sandusky: Filtration Plant.  
Toronto: Board of Public Affairs.  
Wilmington: The Dayton Power and Light Co.  
Youngstown: The Mahoning Valley Water Company, Youngstown City Water Dept.

## ASSOCIATE

Cincinnati: Bourbon Copper and Brass Works Co., The John H. McGowan Co.  
Cleveland: The Bowler Foundry Company, the Farnan Brass Works Co., Glauber Brass Mfg. Company, United Brass Mfg. Company.  
Findlay: Buckeye Traction Ditcher Co.  
Toledo: The National Supply Company.

## OKLAHOMA

Active 7; Total 7

## ACTIVE

Alva: Nighswonger.  
Chickasha: McBurnett.  
Okla. City: Bretz, Spaulding.  
Ponca City: Crow.  
Tulsa: Holway, Wardle.

## OREGON

Active 6; Corporate 1; Total 7

## ACTIVE

Hillsboro: Gates.  
Marshfield: Corey.  
Portland: Ehle, Koon, Randlett, Willard.

## CORPORATE

Portland: Dept. of Public Utilities.

## PENNSYLVANIA

Active 159; Corporate 14; Associate  
26; Total 199

## ACTIVE

Allentown: Schnabel.  
Altoona: Campbell.  
Ambler: Hibschan.  
Aspinwall: Drake.  
Berwick: Hicks.  
Bethlehem: Fox, Knerr, Shipman.  
Bristol: Roberts.  
Brookville: Sayer.  
Carlisle: Fallor.  
Castasauqua: Muser.  
Chambersburg: McGrath.  
Chester: Boynton, Calhoun, Lamey.  
Chinchilla: Salisbury.  
Clearfield: Hess, Nevling, Young.  
Columbia: Meyers.  
Cooperstown: Crawford.  
Corry: Brown.  
Downingtown: Wagner.  
Easton: Rader.  
East Pittsburgh: Holmes.  
Erie: Dunwoody, Gensheimer.  
Ford City: Wintgens.  
Germantown: Corin.  
Glenside: Goentner.  
Greensburg: Smith, Spencer.  
Harrisburg: Avery, Barrick, Craig,  
Daniels, Freeburn, Gannett, Glace,  
Hassler, Lamb, Mark, Moses,  
Scheffer, Stevenson, Wertz.  
Hazleton: McGeehin.  
Jersey Shore: Kinter.  
Johnstown: Crichton, Kunkle, Watkins.  
Kingston: Matter.  
Lancaster: Goodell, Ruth, Will.  
Lehigh: West.  
Lemoyne: Young.  
McKeesport: Trax.  
Meadville: Ellsworth.  
Monongahela: Nutt.  
Norristown: Russell.  
North East: Leet.  
Oakmont: Newman.  
Philadelphia: Barlett, Bean, Birkin-  
bine, Blew, Boardman, Cady,  
Doten, Dougherty, Dunlap, Durst,  
Eashy, Jr., Ely, Emerson, Jr.,  
Gushee, Hasskarl, Haydock, Jenne,  
Kneen, Lawrence, Ledoux, Lever-  
ing, Lightfoot, Jr., McCaleb,  
McCrudden, Nichols, Potteiger,  
Riebell, Russell, Saunders, Schaut,  
Siddons, Stone, Streander, Suttle,

Swaab, Thomas, Tolson, Traut-  
wine, Jr., Van Loan, Walker, Wood.  
Pittsburgh: Bankson, Baton, Bren-  
nan, Chester, Douglass, Foote,  
Harshbarger, Hopkins, Hudson,  
Hutton, Knowles, Laboon, Lan-  
pher, Leopold, Lines, Lynn, Mans-  
field, Mellon, Rice, Simpson,  
Speller, Taylor, Weidlein, Wilcox.  
Pottsville: Beisel.  
Reading: Felix, Filbert, Nuebling,  
Reber.  
Sayre: West, Wright.  
Scranton: Cox, Nebelung, Taylor.  
Shamokin: Haupt, McWilliams.  
Shenandoah: Rassier.  
Shrewsbury: Giesey.  
State College: Sackett, Walker.  
Steelton: Litch.  
Sunbury: Rohrbach.  
Swarthmore: Alleman, Fuller.  
Vandergrift: Horn.  
Warren: Mitchell.  
Wayne: Pugh.  
Wilkes Barre: Vail, Wintermute.  
Wilkinsburg: Fox, Nawley.  
Williamsport: Keliher, Wilhelm.  
York: Kable.

## CORPORATE

Allentown: Allentown Water Dept.  
Easton: Northampton Consolidated  
Water Company.  
Erie: Commrs. Water Works in the  
City of Erie.  
Lewistown: Lewistown-Reedsville  
Water Co.  
Mount Carmel: Mount Carmel Water  
Company.  
Scranton: Scranton Gas and Water  
Co.  
Sharon: Sharon Water Works Com-  
pany.  
Shenandoah: Commissioners of  
Water Works.  
Uniontown: Trotter Water Co.  
Verona: The Suburban Water Co.  
West Chester: Borough of West  
Chester.  
West Newton: West Newton Water  
Co.  
Williamsport: Eagles Mere Water  
Company, Williamsport Water Co.

## ASSOCIATE

Berwick: Multiplex Mfg. Company.  
Bradford: S. R. Dresser Mfg. Com-  
pany.  
Emaus: Donaldson Iron Company.  
Erie: Hays Mfg. Company.

**Philadelphia:** American Manganese Bronze Co., The American Pipe and Constn. Co., American Water Softener Company, Bayard, E. I. duPont de Nemours and Company, H. S. B. W. Cochrane Corporation, The Leadite Company, Inc., The Pennsylvania Salt Mfg. Company, Roberts Filter Mfg. Company, Scofield Engineering Company, Simplex Valve and Meter Company, United States Cast Iron Pipe and Foundry Company, R. D. Wood and Company.

**Pittsburgh:** A. M. Byers Co., Dravo-Doyle Co., National Tube Company, Pittsburgh Des-Moines Steel, Pittsburgh Meter Company, Pittsburgh Testing Laboratory, Laboratory, Riter-Conley Company.

**Scranton:** Acker.

**Williamsport:** The Darling Valve and and Mfg. Company.

#### RHODE ISLAND

Active 5; Associate 1; Total 6

##### ACTIVE

**Bristol:** Jones.

**Providence:** Bugbee, Marsh, Richardson, Winsor.

##### ASSOCIATE

**Providence:** Builders Iron Foundry.

#### SOUTH CAROLINA

Active 5; Corporate 1; Total 6

##### ACTIVE

**Charleston:** Gibson.

**Cheraw:** Smith.

**Columbis:** Filby.

**Greenville:** Perry.

**Spartanburg:** Simme.

##### CORPORATE

**Charleston:** Commissioners of Public Works.

#### SOUTH DAKOTA

Active 5; Total 5

##### ACTIVE

**Huron:** Hays.

**Redfield:** Olding.

**Sioux Falls:** Connor.

**Vermillion:** Hunter.

**Waubay:** Wieters.

#### TENNESSEE

Active 17; Corporate 4; Associate 3;  
Total 24

##### ACTIVE

**Chattanooga:** Lofton, Porzelius.

**Fountain City:** Murphy.

**Greenville:** McAmis.

**Knoxville:** Switzer.

**Memphis:** Allen, Barnett, Cunningham, Davis, Mantel, Mather, Stratton, Stromquist.

**Nashville:** Fullerton, Harrub, Holman, Reyer.

##### CORPORATE

**Columbia:** Columbia Water and Light Company

**Kingsport:** Kingsport Utilities, Inc.

**Knoxville:** Knoxville Water Department.

**Memphis:** Board of Water Commissioners.

##### ASSOCIATE

**Chattanooga:** Columbian Iron Works.

**Knoxville:** W. J. Savage Company.

**Memphis:** Layne and Bowler Company.

#### TEXAS

Active 13; Corporate 1; Total 14

##### ACTIVE

**Austin:** Avery, Norris.

**Beaumont:** Bernhagen.

**College Station:** Bird.

**Dallas:** Elrod, Morey, Jr., O'Neill, Rosenthal.

**El Paso:** Tarbett.

**Ft. Worth:** Hawley, Mahlie.

**San Antonio:** Bartlett, Harding.

##### CORPORATE

**Waco:** Waco Water Works.

#### UTAH

Active 3; Corporate 1; Total 4

##### ACTIVE

**Brigham City:** Roskelley.

**Salt Lake City:** Bedell, Painter.

## CORPORATE

**Salt Lake City:** Salt Lake City  
Water Dept.

## VERMONT

Active 2; Total 2

## ACTIVE

**Burlington:** Charron, Moat.

## VIRGINIA

Active 32; Corporate 2; Associate 2;  
Total 36

## ACTIVE

**Alexandria:** Lambert.  
**Charlottesville:** Williamson.  
**City Point:** Hallers.  
**Covington:** Barnett.  
**Danville:** Talbott.  
**East Falls Church:** Frick.  
**Fredericksburg:** Houston, Jr.  
**Hampton:** Engle.  
**Lynchburg:** Perrow, Wagner.  
**Newport News:** Dugger, Livezey,  
Manville, Randolph, Thom.  
**Norfolk:** Ball, Bliven, Herbert, Wat-  
kins.  
**Petersburg:** Bunting, Cranch.  
**Portsmouth:** Davis.  
**Richmond:** Baldwin, Bardwell, Clai-  
borne, Davis, Enslow, Howes,  
Messer, Trafford.  
**Roanoke:** Moore.  
**Winchester:** Dettra.

## CORPORATE

**Alexandria:** Alexandria Water Com-  
pany.  
**Hopewell:** The Industrial Serv.  
Corp. of Va.

## ASSOCIATE

**Lynchburg:** The Glamorgan Pipe and  
Foundry Company, Lynchburg  
Foundry Co.

## WASHINGTON

Active 9; Corporate 2; Total 11

## ACTIVE

**Everett:** Klapp.  
**Hoquiam:** Heermans.  
**Seattle:** Botten, Jacobs.  
**Spokane:** Harding, Murray.  
**Tacoma:** Kuniak, Roberts.  
**Vancouver:** Clarke.

## CORPORATE

**Raymond:** Water Department.  
**Spokane:** Superintendent Water  
Division.

## WEST VIRGINIA

Active 24; Corporate 4; Total 28

## ACTIVE

**Bluefield:** McCarthy, Ridley.  
**Charleston:** Dodd, Ferguson, Mus-  
ser, Tisdale, Warrick.  
**Chester:** Young.  
**Clarksburg:** Bates, Highland.  
**Elkins:** Tyler.  
**Fairmont:** Jones, Morris.  
**Huntington:** Berberick, Watt.  
**Martinsburg:** Fetzer.  
**Moundsville:** Hetzer.  
**Point Pleasant:** Thomas.  
**Princeton:** Day.  
**Shinnston:** Riffie.  
**St. Albans:** Campbell.  
**Welch:** Rouse.  
**Weston:** Blair, Jr.  
**Wheeling:** Butts.

## CORPORATE

**Charleston:** West Va. Water and  
Elec. Co.  
**Dunbar:** Dunbar Water Company.  
**Keyser:** City of Keyser.  
**Morgantown:** West Virginia Utili-  
ties Company.

## WISCONSIN

Honorary 1; Active 37; Corporate 5;  
Associate 3; Total 46

## HONORARY

**Milwaukee:** Benzenberg.

## ACTIVE

**Antigo:** Jackson.  
**Beloit:** Lyons.  
**Clintonville:** Lyon.  
**Eau Claire:** Brown.  
**Et. Atkinson:** Leonard.  
**Janesville:** Griffey.  
**Kenosha:** Hurtgen.  
**Madison:** Baker, Corp, Kirchoffer,  
Mead, Miller, Peirce, Smith.  
**Manitowoc:** Schroeder.  
**Marshfield:** Marvin.  
**Menasha:** Kuester.  
**Milwaukee:** Bohmann, Daniel, Engh,  
Gruetzmacher, Hatton, Leach,  
Murphy, Sando, Schwada.

Neenah: Marty.  
 Oshkosh: Maddock.  
 Racine: McElroy.  
 Sheboygan: Donohue.  
 Stoughton: Snyder.  
 Superior: Lounsbury, Winslow.  
 Waukeshaw: Hayford.  
 Wauwatosa: Hebbing.  
 West Allis: Prochnow.  
 Wisconsin Rapids: Gross.

## CORPORATE

Appleton: Appleton Water Com-  
 mission.  
 Delavan: Delavan Water Com-  
 mission.  
 Fond du Lac: City Water Dept.  
 Green Bay: Green Bay Water Dept.  
 Sheboygan: Board of Water Com-  
 missioners.

## \* ASSOCIATE

Milwaukee: Allis-Chalmers Mfg.  
 Company, Badger Meter Mfg. Co.,  
 Chain Belt Company.

## WYOMING

Active 1; Total 1

## ACTIVE

Rock Springs: Bell.

## CANADA

Active 109; Corporate 14; Associate  
 7; Total 130

## ACTIVE

Brampton: Early.  
 Brandon: Shaw.  
 Brantford: Frank, Wilson.  
 Brockville: Farquharson.  
 Dandas: Wright.  
 Edmonton: Owens, Turner.  
 Elmira: Bowman.  
 Galt: Cowan, Fairchild.  
 Grimsby: Bromley.  
 Hamilton: McFaul.  
 Ingersoll: Hall.  
 Kincardine: Foerster.  
 Kitchener: Pequegnat.  
 Lindsay: Hammond.  
 London: Hodgkinson.  
 Winnipeg: Hooper.  
 Montreal: Cousineau, Dorrance,  
 Farmer, Field, Hale, Hunter,  
 Hutchinson, Lafreniere, Laurie,  
 Lea, Le Sage, Leslie McCrady,  
 Meadows, Montabone, Perry, Pit-

cher, Plamondon, Ross, Scofield,  
 Surveyer, Ward.  
 New Toronto: Thomas.  
 Niagara Falls: Collins, Ferris,  
 Green, Warder.  
 Orangeville: Marshall.  
 Orillia: Starr.  
 Ottawa: MacDonald, J. B. McRae,  
 W. P. McRae.  
 Perth: Smith.  
 Petersborough: Dobbin, Hunt.  
 MacDonald College: Stephen.  
 Quebec: Casgrain, Tremblay.  
 Regina: Farrell.  
 St. Catharines: Milne.  
 St. Stephen: Laffin.  
 St. Thomas: Miller.  
 Sarnia: Hall.  
 Shawinigan Falls: Vauquette.  
 Sherbrooke: McKeown.  
 Smith Falls: Hayes.  
 Stratford: Myers.  
 Strathroy: Smithrim.  
 Temiskaming: Grimer.  
 Toronto: Allen, Angus, Benschoten,  
 Berry, Chipman, Dallyn, Fellows,  
 Gaby, Gore, Hannan, Harris, Har-  
 rison, Heath, Howard, Mitchell,  
 Proctor, Redfern, Routledge, Rust,  
 Salmond, Sanderson, Storrie,  
 Thompson, Walker, Wynne-  
 Roberts.  
 Vancouver: Brakenridge, Dowling.  
 Victoria: Blair, Cleveland.  
 Walkerville: Brown.  
 Waterloo: Schiedel.  
 Welland: Milo.  
 Weston: Peirson.  
 Windsor: Code, Hanna, Keith, Kell-  
 ner.  
 Winnipeg: Finlayson, Scott, Stain-  
 ton.  
 Woodstock: Archibald.

CORPORATE

Brampton: Brampton Water Com-  
 mission.  
 Brantford: Brantford Water Com-  
 missioners.  
 Chatham: Board of Water Com-  
 missioners.  
 Guelph: Hastings.  
 Kitchener: Kitchener Water Com-  
 mission.  
 London: Public Utilities Commis-  
 sion.  
 Petersborough: Dobbin, Peters-  
 borough Utilities Commission.  
 Regina: Water Works Department.



**St. Mary:** Board of Water Light and Heat Comn.

**St. Thomas:** St. Thomas Water Commissioners.

**Welland:** Board of Water Commission.

**Whitby:** The Public Utility Commission.

**Windsor:** The Water Commissioners.

#### ASSOCIATE

**Toronto:** The Canadian Engineer, Drummond, McCall and Co., Ltd., Hugh C. MacLean Publications, Ltd., Nat'l Iron Corp., Neptune Meter Co.

**Montreal:** Francis Hankin and Co., Ltd., Jenkins Bros., Limited.

### FOREIGN

Active 58; Corporate 5; Honorary 2; Total 65

#### ACTIVE

##### ARGENTINE REPUBLIC

**Bahia Blanca:** Anthony.

**Buenos Aires:** Gunning, Lasso, Paitovi.

**Rosario de Santa Fe:** Buchanan, Moir.

**San Nicolas:** Hudson.

##### AUSTRALIA

**Melbourne:** Futteridge, Neylon, Ritchie, Sutherland.

**Newcastle:** Ewing.

**Sydney:** Blain.

**Victoria:** Upton.

##### CANAL ZONE

**Ancon:** Bunker, Nolte.

**Cristobal:** Dunn.

##### CENTRAL AMERICA

**San Salvador:** Klein.

##### CHILE

**Santiago:** Lira.

##### CHINA

**Shanghai:** Gaunt, Pearson.

**Tientsin:** Clark.

##### COLOMBIA

**Barranquilla:** Stringfellow.

**Bogota:** Fauco.

##### CUBA

**Camaguey:** Pradas.

**Guantanamo:** Salcinez.

**Habana:** Montoulieu.

**Havana:** Cosculluela, Martinez.

##### CZECHOSLOVAKIA

**Brandys Labe:** Zehr.

##### DENMARK

**Copenhagen:** Jarvis.

##### ENGLAND

**Birmingham:** Dixon.

**Buxton:** Race.

**London:** Cameron, Howland.

**Northwich:** Munro.

##### FRANCE

**Nancy:** Cavallier.

##### GERMANY

**Breslau:** Meinecke.

##### HOLLAND

**Utrecht:** Massink, Meerburg.

##### INDIA

**Bombay:** Prokofieff.

##### JAPAN

**Osaka:** Takayama, Sawai.

**Tokio:** Nishioeda, Inoue, Kayanoki, Iwasaki.

##### MEXICO

**Tampico:** McIntosh.

##### PANAMA

**Gatun Canal Zone:** Beers.

##### PHILIPPINES

**Manila:** Gideon.

##### POLAND

**Warsaw:** Nowakowski.

##### PORTO RICO

**San Juan:** Canals.

**QUEENSLAND****Brisbane:** Peart.**SCOTLAND****Aberdeen:** Mitchell, Spencer.**Ayr:** Ball.**Iverness:** Grant.**SWEDEN****Stockholm:** Greyerz.**STRAITS SETTLEMENTS****Singapore:** Tomlinson.**TERRITORY OF HAWAII****Honolulu:** Ellis, Tay, Wall.**WEST AUSTRALIA****Perth:** Lawson.**CORPORATE****AUSTRALIA****Sydney:** Metropolitan Board of Water.**NEW MEXICO****East Las Vegas:** Agua Pura Company.**SWEDEN****Malmo:** Byggnadskontor.**HOLLAND****Utrecht:** Utrechtsche Waterleiding-Maatschappij.**TERRITORY OF HAWAII****Oahu:** Wahiawa Water Company, Ltd.**HONORARY****ENGLAND****London:** Houston.**JAPAN****Tokyo:** Nakajima.

# SUMMARY BY STATES

	Active	Corporate	Associate	Honorary	Total
Alabama.....	9		3		12
Arizona.....	3	1			4
Arkansas.....	3	2			5
California.....	81	8	7	1	97
Colorado.....	9		1		10
Connecticut.....	22	3	4		29
Delaware.....	5				5
Dist. of Col.....	11				11
Florida.....	16				16
Georgia.....	11	2			13
Idaho.....	2	1			3
Illinois.....	112	6	18	1	137
Indiana.....	32	2	2		36
Iowa.....	46	4	1		51
Kansas.....	8	2			10
Kentucky.....	28	5			33
Lousiana.....	6	2			8
Maine.....	11	1			12
Maryland.....	38				38
Massachusetts.....	64		8	1	73
Michigan.....	64	5	4		73
Minnesota.....	41	3	2		46
Mississippi.....	5				5
Missouri.....	53	2	2	1	58
Montana.....	7	1			8
Nebraska.....	10	2	1		13
Nevada.....	2	1			3
New Hampshire.....	4	1			5
New Jersey.....	109	9	11		129
New Mexico.....	1	3			4
New York.....	275	24	50	3	352
North Carolina.....	87		1		88
North Dakota.....	3			1	4
Ohio.....	74	11	8		93
Oklahoma.....	7				7
Oregon.....	6	1			7
Pennsylvania.....	159	14	26		199
Rhode Island.....	5		1		6
South Carolina.....	5	1			6
South Dakota.....	5				5
Tennessee.....	17	4	3		24
Texas.....	13	1			14
Utah.....	3	1			4
Vermont.....	2				2
Virginia.....	32	2	2		36
Washington.....	9	2			11
West Virginia.....	24	4			28
Wisconsin.....	37	5	3	1	46
Wyoming.....	1				1
Canada.....	109	14	7		130
Foreign.....	63	5		2	70
	1749	155	165	11	2080
Last report.....	1532	131	160	8	1831
Gain since October 1, 1923...	217	24	5	3	249